AVEN® Tools for Advancing Innovation™

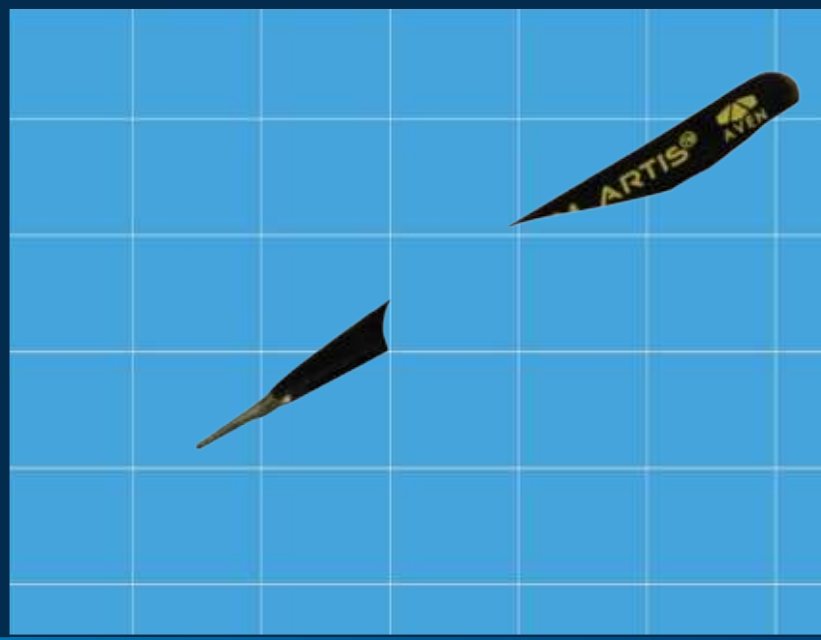
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Advancing Innovation for 36 Years

aventools.com

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AVEN Tools for Advancing Innovation™

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26700-401 + 26800B-557

SharpVue® Inspection System



SharpVue® Inspection System
Item # 26700-135
Combines advanced digital microscope technology with comfort and ease of use. View crystal clear 1080p images on your HD monitor, reducing the eye strain and neck fatigue associated with frequent use of traditional microscopes. Features a large working distance of 9". Includes imaging and measurement software. Magnification: up to 30x optical and up to 300x digital.

SharpVue® Inspection System & Accessories

Product ID	Description
26700-135	SharpVue® Inspection System
26700-135-TTB	SharpVue® Tiltable Table
26700-135-XYTB	SharpVue® X-Y Sliding Table
26700-401-ICB	Image Capture Box
26700-406	22" LCD 1080p Monitor

Observe magnified images while looking directly at an HD monitor rather than straining over narrow microscope eyepieces

26700-135

Digital Microscopes

Mighty Scopes®



26700-200



26700-209

Mighty Scope® USB
Inspect, analyze and measure easily on your computer



26700-230

Mighty Scope® HD (HDMI)
Inspect, analyze and measure easily on your HD monitor

Mighty Scope® USB

- Available with 1.3 or 5MP CMOS sensor
- Active pixel technology produces sharp and accurate color images
- Microtouch shutter allows for quick and convenient image capture
- Compatible with Windows and Mac
- 10x-200x, 500x, UV and Near Infrared models available
- Ergonomic design allows comfortable use in either hand
- Includes measurement software and adjustable metal stand
- 10x-200x available with polarizer

Mighty Scope® HD (HDMI)

- Connects directly to an HD monitor for 1080P HD imaging
- 3x~270x magnification (based on 24" screen)
- Built-in buttons for digital zoom (up to 2x of on-screen image) and freeze frame
- Ergonomic design allows comfortable use in either hand

Customize Your Mighty Scope®


Flex Stand
26700-212


Boom Stand
26700-210

Mighty Scope® Models

Product ID	Description
26700-200	Mighty Scope® 1.3M USB Digital Microscope (10x-200x)
26700-230	Mighty Scope® HD (HDMI) (3x-270x)
26700-200-PLR	Mighty Scope® 1.3M USB Digital Microscope w/Polarizer (10x-200x)
26700-204	Mighty Scope® 1.3M USB Digital Microscope (500x)
26700-205	Mighty Scope® 1.3M USB Digital Microscope w/ UV Illumination (10x-200x)
26700-207	Mighty Scope® 5M USB Digital Microscope w/NIR Illumination (10x-200x)
26700-209	Mighty Scope® 5M USB Digital Microscope (10x-200x)
26700-209-PLR	Mighty Scope® 5M USB Digital Microscope with Polarizer (10x-200x)
26700-216	Mighty Scope® 1.3M Polarizer
26700-217	Mighty Scope® 5M Polarizer

Mighty Scope® Stands

Product ID	Description
26700-210	Mighty Scope® Boom Stand
26700-211	Mighty Scope® Standard Stand
26700-212	Mighty Scope® Flex Stand
26700-213	Mighty Scope® Cradle Stand
26700-214	Mighty Scope® Stand with Fine Adjustment
26700-215	Mighty Scope® Dual View Stand
26700-311	Universal Digital Microscope Stand w/Backlight
26700-312	3D Stand for Digital Microscopes and Cameras
26700-312-LED	3D Stand with LED for Digital Microscopes and Cameras

Digital Microscopes

Cyclops®



26700-420



26700-401

26700-421

Cyclops® HDMI, Cyclops® Macro, Cyclops® Macro
Inspect, analyze and measure easily on your HD monitor



26700-400

Cyclops® USB + HDMI
Inspect, analyze and measure easily on your computer or HD monitor

Cyclops® USB + HDMI

- Dual output HDMI and USB
- Auto focus enabled
- Designed to maximize efficiency and operator comfort
- 5-megapixel sensor
- High magnification range and extended working distance
- Up to 273x magnification in HDMI mode and 534x in PC mode
- LED illumination with intensity control
- Infrared remote control for all major features
- Includes standard 4x objective lens and measurement software
- Optional articulating arm stands and 10x lens available

Cyclops® HDMI

- Built-in HDMI output for viewing images directly on an HD monitor
- Auto focus enabled
- Designed to maximize efficiency and operator comfort
- Equipped with a 4x objective lens
- High magnification range and extended working distance
- Magnification ranges up to 132x on a 21.5" HD monitor

Cyclops® Models

Product ID	Description
26700-400	Cyclops® Digital Microscope (USB + HDMI) (up to 270x on an HD monitor or 534x on PC)
26700-401	Cyclops® HDMI Digital Microscope (up to 132x)
26700-420	Cyclops® Macro Digital Microscope with Macro Zoom Lens (HDMI) (3x–43x)
26700-421	Cyclops® Micro Digital Microscope with Micro Zoom Lens (HDMI) (29x–185x)
26700-400-L10X	Cyclops® Objective Lens 10X (not compatible with Cyclops Micro or Macro systems)
26700-400-L4X	Cyclops® Objective Lens 4X (not compatible with Cyclops Micro or Macro systems)
26700-400-AAS-GN04	Cyclops® Digital Microscope with Articulating Arm Stand + Flexible LED Pipe Lights
26700-400-GN04	Dual Flexible LED Gooseneck Attachment for 26700-400-AAS Articulating Arm Stand
26700-400 + 26800B-557	Cyclops® Digital Microscope with 18" Flex Arm/Table Clamp
26700-400 + 26800B-558	Cyclops® Digital Microscope with 18" Flex Arm/Magnetic Base
26700-401 + 26800B-557	Cyclops® HDMI Digital Microscope with 18" Flex Arm/Table Clamp
26700-401 + 26800B-558	Cyclops® HDMI Digital Microscope with 18" Flex Arm/Magnetic Base
26700-400-413	Cyclops® USB + HDMI Digital Microscope + ZEN Mount
26700-401-413	Cyclops® HDMI Digital Microscope + ZEN Mount

Cyclops® Stands & Accessories

Product ID	Description
26800B-558	18" Flex Arm With 360° Swivel Head and Magnetic Base
26800B-557	18" Flex Arm With 360° Swivel Head and 2" Table Clamp
26700-400-AAS	Articulating Arm Stand for Video Inspection Systems
26700-401-ICB	HDMI Image Capture Box for Cyclops Digital Microscopes
26700-413	ZEN Mount Arm for Video Inspection Systems
26800B-600	Boom Stand Mounting Post for Inspection Cameras and Cyclops Digital Microscopes

Digital Microscopes
Cyclops® Accessories

Objective Lenses

Cyclops® 4x Long Focus Lens
Item # 26700-400-L-4XLF
Provides operators with a working distance of approximately 95mm - 218mm (3.75 - 8.5 inches).



Cyclops® Objective Lens 10X
Item # 26700-400-L10X
Use of this lens will increase magnification, allowing even further clarity for examining small objects. Includes lighting attachment.



Cyclops® Objective Lens 10X
Item # 26700-400-L10X
Use of this lens will increase magnification allowing even further clarity for examining small objects. Includes lighting attachment.



Articulating Arm Stand

15.5-inch post with a 20.5-inch articulating arm. The arm can be locked in place at any point along the stand. The end of the arm features a ball joint for rotating the camera 360-degrees.



Item # 26700-400-AAS

Add-Ons

22" LCD Monitor
Item # 26700-406
Outstanding performance and eco-friendliness complement the sleek design. LED back-lit with 50,000,000:1 Smart Contrast Ratio, Full 1080P with HDMI.



Cyclops® Laser Pointer
Item # 26700-400-GN02
Provides a constant laser point to highlight exact areas for display or inspection. Attaches to the Cyclops® stand. Includes light intensity control.

Other Cyclops® Stands

Cyclops® Digital Microscope with 18" Flex Arm
Item # 26700-400 + 26800B-558
The Cyclops® USB + HDMI and Cyclops® HDMI are both available on 18" flex arms. These stands provide limitless positioning options for your Cyclops®.

ZEN Mount Arm for Video Inspection Systems
Item # 26700-413
The Cyclops® USB + HDMI, Cyclops® HDMI are both available on the telescoping ZEN Mount. The Cyclops® Macro is also compatible with the ZEN Mount (pictured). The ZEN Mount features an extended reach of 12"-16".



Stereo Zoom Microscopes

AVEN Tools for Advancing Innovation™

SPZ-50 Series Stereo Zoom Microscopes

SPZV-50



- Magnification range: **6.7x-50x** (3.35x-200x with optional lenses)
- Large 7.46:1 best-in-class zoom ratio
- Field of view: 34.3mm-3.6mm (1.35"-0.14")
- Working distance: 108mm (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Optional eyepieces available include DHW15x (F.N.15) & DHW20x (F.N.11.4)
- Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover

Product ID	Description
SPZ-50	SPZ-50 Stereo Zoom Binocular Microscope
SPZV-50	SPZV-50 Stereo Zoom Trinocular Microscope
SPZ-50E	ESD Safe SPZ-50 Stereo Zoom Binocular Microscope
SPZV-50E	ESD Safe SPZV-50 Stereo Zoom Trinocular Microscope

Optical Data for SPZ-50 & SPZV-50 + SPZ-50E & SPZV-50E

Eyepiece | DHW10x (F.N.23)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	6.7x-50x	3.35x-25x	5x-37.5x	10.72x-80x	13.4x-100x
Working Dist.	108mm	240mm	132mm	50mm	41mm
Field of View	34.3-4.6mm	68.9-9.2mm	45.7-6.1mm	21.4-2.8mm	17.1-2.3mm

Eyepiece | DHW15x (F.N.15)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	10.05x-75x	5.02x-37.5x	7.53x-56.25x	16.08x-120x	20.1x-150x
Working Dist.	108mm	240mm	132mm	50mm	41mm
Field of View	22.3-3mm	44.7-6mm	29.8-4mm	16-1.8mm	11.1-1.5mm

Eyepiece | DHW20x (F.N.11.4)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	13.4x-100x	6.7x-50x	10.05x-75x	21.44x-160x	26.8x-200x
Working Dist.	108mm	240mm	132mm	50mm	41mm
Field of View	17-2.2mm	34-4.5mm	22.6-3mm	10.6-1.4mm	8.5-1.1mm

ESD Safe SPZ-50E Series Stereo Zoom Microscopes

SPZV-50E



- ESD Safe coating disappates electrostatic discharges
- Magnification Range: 6.7x to 50x (3.35x to 200x with optional lenses)
- Large 7.46:1 best-in-class zoom ratio
- Field of View: 34.3mm-3.6mm (1.35" to 0.14")
- Working Distance: 108mm (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Optional eyepieces available include DHW15x (F.N.15) & DHW20x (F.N.11.4)
- Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover

SPZH-135 Series Stereo Zoom Microscopes

SPZH-135



- Magnification range: **21x-135x** (14x-180x with optional lenses)
- 6.4:1 zoom ratio
- Field of view: 34.3mm-3.6mm (1.35"-0.14")
- Working distance: 84mm (3.3")
- Includes high eye point DHW15x (F.N.15) eyepieces for comfortable viewing even for operators with eyeglasses
- DHW20x (F.N.11.4) optional eyepieces available
- Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover

Product ID	Description
SPZH-135	SPZH-135 Stereo Zoom Binocular Microscope
SPZHT-135	SPZHT-135 Stereo Zoom Trinocular Microscope

Optical Data for SPZH-135 & SPZHT-135

Eyepiece	DHW15x (F.N.15)		DHW20x (F.N.11.4)	
Auxiliary Lens	Nil	w/0.5x	Nil	w/0.5x
Magnifications	21x-135x	10.5x-67.5x	28x-180x	14x-90x
Working Dist.	84mm	135mm	84mm	135mm
Field of View	10.7-1.6mm	21.4-3.3mm	8.1-1.2mm	16.2-2.5mm

Stereo Zoom Microscopes

AVEN Tools for Advancing Innovation™

DSZV-44



DSZ-44 Series Stereo Zoom Microscopes

- Magnification Range: **10x-44x** (2.5x-140.8x with optional lenses)
- Zoom ratio: 4.4:1
- Field of view 23mm to 5.2mm (0.90" to 0.20")
- Working distance: 90mm (3.54")
- Includes Wide Field DSW10x (F.N.23) eyepieces
- Optional eyepieces available include DSW5x (F.N.22.5), DSW15x (F.N.15) & DSW20x (F.N.11.4)
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover

Product ID	Description
DSZ-44	DSZ-44 - Stereo Zoom Binocular Microscope
DSZV-44	DSZV-44 - Stereo Zoom Trinocular Microscope

DSZ-70 Series Binocular Stereo Zoom Microscopes

DSZ-70



- Magnification Range: **20x-70x** (5x-224x with optional lenses)
- 3.5:1 zoom ratio
- Field of view: 10mm-2.8mm (0.39"-0.11")
- Working Distance: 80mm (4.25")
- Includes DSW10xZ (F.N.20) eyepieces
- Optional eyepieces available include DSW5xZ (F.N.20), DSW15x (F.N.15) & DSW20x (F.N.11.4)
- Versatile binocular microscope best suited for high magnification applications
- Includes rubber eyeguards and dust cover

Product ID	Description
DSZ-70	DSZ-70 - Binocular Stereo Zoom Microscope

Optical Data for DSZ-44 & DSZV-44

Eyepiece | DSW5x (F.N. 22.5)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	5x-22x	2.5x-11x	3.75x-16.5x	8x-35.2x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	22.5-5.1mm	45-10.2mm	30-6.8mm	14-3.1mm	17.1-2.3mm

Eyepiece | DSW10x (F.N. 23)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	10x-44x	5x-22x	7.5x-33x	16x-70.4x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	23-5.2mm	46-10.4mm	30.6-6.9mm	14.3-3.2mm	17.1-2.3mm

Eyepiece | DSW15X (F.N. 15)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	15x-66x	7.5x-33x	11.25x-49.5x	24x-105.6x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	15-3.4mm	30-6.8mm	20-49.5mm	9.3-2.1mm	17.1-2.3mm

Eyepiece | DSW20X (F.N. 11.4)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	20x-88x	10x-44x	15x-66x	32x-140.8x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	11.4-2.5mm	22.8-5.1mm	15.2-3.45mm	7.1-1.6mm	17.1-2.3mm

Optical Data for DSZ-70

Eyepiece | DSW5xZ (F.N.20)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x
Magnifications	10x-35x	5x-17.5x	7.5x-26.25x	16x-56x	16x-56x
Working Dist.	80mm	120mm	85mm	41mm	41mm
Field of View	10-2.9mm	20-5.7mm	13.3-3.8mm	6.2-1.7mm	6.2-1.7mm

Eyepiece | DSW10xZ (F.N. 20)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x
Magnifications	20x-70x	10x-35x	15x-52.5x	32x-112x	32x-112x
Working Dist.	80mm	120mm	85mm	41mm	41mm
Field of View	10-2.8mm	20-5.7mm	13.3-3.8mm	6.2-1.7mm	6.2-1.7mm

Eyepiece | DSW15x (F.N. 15)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x
Magnifications	30x-105x	15x-52.5x	22.5x-78.75x	48x-168x	48x-168x
Working Dist.	80mm	120mm	85mm	41mm	41mm
Field of View	7.5-2.1mm	15-4.2mm	10-2.8mm	4.6-1.3mm	4.6-1.3mm

Eyepiece | DSW20x (F.N. 11.4)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x
Magnifications	40x-140x	20x-70x	30x-105x	64x-224x	64x-224x
Working Dist.	80mm	120mm	85mm	41mm	41mm
Field of View	5.7-1.6mm	11.4-3.2mm	7.6-2.1mm	3.5-1mm	3.5-1mm

Design Your Own Microscope System

With a large variety of cameras, lighting options, stands and focus mounts, you can create and order your own customized microscope system on **AvenTools.com**. If you need help creating a custom system, please call our experienced sales team at **734.973.0099** and let them assist you in creating a tailor made solution that will meet your specific requirements.

Stereo Zoom Microscopes

SPZH-135 Stereo Zoom Binocular Microscope on Stand PLED

- Magnification Range: 21x-135x
- Zoom ratio: 6.4:1
- Field of view: 10.7-1.6mm (0.42"-0.6")
- Working Distance: 84mm (3.3")
- Includes high eye point DHW15x (F.N.15) eyepieces for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable Interpupillary distance of 50mm-74mm (1.96"-2.91") accommodates any operator
- Pole stand with built-in LED illumination with dimmer control
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work



26800B-351

Product ID	Description
26800B-351	SPZH-135 Stereo Zoom Binocular Microscope on Stand PLED

SPZH-135 Stereo Zoom Microscope with DBL Arm Boom, EARM, LED FOI illumination

- Magnification Range: 21x-135x
- Zoom ratio: 6.4:1
- Field of view: 10.7-1.6mm (0.42"-0.6")
- Working distance: 84mm (3.3")
- Includes high eye point DHW15x (F.N.15) eyepieces for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable interpupillary distance of 50mm to 74mm (1.96" to 2.91") accommodates any operator
- Mounted in an E-ARM focus mount attached to a Double Arm Boom Stand that delivers the smooth movement of a ball bearing slide, letting the microscope glide easily over objects
- High Output LED fiber optic illuminator and ring light provide clear illumination for imaging
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work



26800B-352

Product ID	Description
26800B-351	SPZH-135 Stereo Zoom Binocular Microscope on Stand PLED

Visit AvenTools.com or call us at 734-973-0099 for more information

SPZ-50 Series Stereo Zoom Microscope System with Ring Light w/Adjustable Polarizer

- Superior optics with crystal clear high resolution images
- Magnification Range: 6.7x-50x
- Compact, durable metal post stand with base
- 120 LED ring light with adjustable polarizer reduces the glare from shiny or reflective objects
- Available with Mighty Cam® Eidos or as a binocular system



26800B-373-3

Product ID	Description
26800B-373-2	SPZ-50 Stereo Zoom Binocular Microscope System with Ring Light w/Adjustable Polarizer
26800B-373-3	SPZV-50 Stereo Zoom Trinocular Microscope System with Eidos Camera and Ring Light w/Adjustable Polarizer

SPZ-50 Stereo Zoom Binocular Microscope System with Polarized Ring Light

- Superior optics with crystal clear high resolution images
- Magnification range: 6.7x-50x
- Compact, durable metal post stand with base
- 60 LED ring light with adjustable polarizer reduces the glare from shiny or reflective objects



26800B-373-4

Product ID	Description
26800B-373-4	SPZ-50 Stereo Zoom Binocular Microscope System with Polarized Ring Light

SPZV-50 Series Stereo Zoom Microscope on Stand DABS with LED E-Arm Focus Mount

26800B-373-7

- Superior optics with crystal clear high resolution images
- Magnification range: 6.7x-50x
- Compact, durable metal post stand with base
- E-Arm Focus mount with built in LED Ring Light
- Double Arm Boom Stand that delivers the smooth movement of a ball bearing slide, letting the microscope glide easily over objects

Product ID	Description
26800B-373-7	SPZ-50 Stereo Zoom Binocular Microscope with Double Arm Boom Stand and Focus Mount with LED Illumination
26800B-373-7	SPZV-50 Stereo Zoom Trinocular Microscope with 1080p HD 2M Camera and Double Arm Boom Stand with LED Focus Mount + HD Monitor

Stereo Zoom Microscopes

AVEN Tools for Advancing Innovation™

SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS w/ Integrated LED Ring Light

26800B-369



- Magnification range: 6.7x-50x
- Large zoom ratio: 7.46:1
- Field of view: 34.3mm-4.6mm (1.35"-0.18")
- Working Distance: 108mm (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable Interpupillary Distance of 52mm to 75mm (2.04" to 2.95") accommodates any operator
- Double Arm Boom Stand delivers smooth movement of a ball bearing slide, letting the microscope glide easily across objects
- Tiltable arbor enables you to angle the microscope for maximum comfort and viewing
- Integrated 60 LED Ring Light with dimmer
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-369	SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS & Integrated LED Ring Light

SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS with LED FOI

26800B-370



- Magnification range: 6.7x-50x
- Large zoom ratio: 7.46:1
- Field of view: 34.3mm-4.6mm (1.35"-0.18")
- Working Distance: 108mm (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- Double Arm Boom Stand delivers smooth movement of a ball bearing slide, letting the microscope glide easily across objects
- Tiltable arbor enables you to angle the microscope for maximum comfort and viewing
- High-output LED fiber optic illuminator and ring light provide clear illumination for imaging
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-370	SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS w/ LED FOI

SPZ-50 Stereo Zoom Binocular Microscope on Stand PLED

26800B-371



- Magnification range: 6.7x-50x
- Large zoom ratio: 7.46:1
- Field of view: 34.3mm-4.6mm (1.35"-0.18")
- Working distance: 108mm (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- Pole stand with built in LED illumination with dimmer control
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-371	SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS & Integrated LED Ring Light

SPZ-50 Stereo Zoom Microscope on Stand P with Diffuse Axial LED Illuminator

26800B-384



- Magnification range: 6.7x-50x
- Large zoom ratio: 7.46:1
- Field of view: 34.3mm-4.6mm (1.35"-0.18")
- Working distance: 108mm (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable Interpupillary Distance of 52mm to 75mm (2.04" to 2.95") accommodates any operator
- Compact lightweight pole stand with focus mount
- Diffuse Axial LED Illuminator, ideal for viewing highly reflective parts, eliminates hot spots & reduces glare
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-371	SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS & Integrated LED Ring Light

See Aven's exclusive article:

"How to Select the Right Microscope or Video Inspection System"

Visit www.AvenTools.com

Stereo Zoom Microscopes

DSZ-44 Stereo Zoom Binocular Microscope on Stand DABS with LED FOI


26800B-303

- Magnification range: 10x-44x
- Zoom ratio: 4.4:1
- Field of view: 23-5.2mm (0.91"-0.2")
- Working distance: 90mm (3.54")
- Includes wide field DSW10x (F.N.23) eyepieces
- Diopter adjustment on both eyepiece tubes
- Adjustable Interpupillary Distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- Double Arm Boom Stand delivers smooth movement of a ball bearing slide, letting the microscope glide easily across objects
- Tiltable arbor enables you to angle the microscope for maximum comfort and viewing
- High Output LED fiber optic illuminator and ring light provides clear illumination for imaging
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-303	DSZ-44 Stereo Zoom Binocular Microscope on Stand DABS with LED Fiber Optic Illuminator

DSZ-70 Stereo Zoom Binocular Microscope on Stand P with LED FOI


26800B-344

- Magnification range: 20x-70x
- Zoom ratio: 3.5:1
- Field of view: 10mm-2.8mm (0.39"-0.11")
- Working distance: 80mm (3.15")
- Includes wide field DSW10xZ (F.N.20) eyepieces
- Diopter adjustment on both eyepiece tubes
- Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- Compact, lightweight pole stand with focus mount
- High Output LED fiber optic illuminator and ring light provide clear illumination for imaging
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-344	DSZ-70 Stereo Zoom Binocular Microscope on Stand P with LED FOI

DSZ-44 Gemscope


26800B-386

- Magnification range: 10x-44x
- Zoom ratio: 4.4:1
- Field of view: 23-5.2mm (0.91"-0.2")
- Working distance: 90mm (3.54")
- Includes wide field DSW10x (F.N.23) eyepieces
- Diopter adjustment on both eyepiece tubes
- Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- Gemology stand (inclines from 0°-10°) with independently controllable fluorescent front light and dimmable halogen pipe light with separate controls
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-386	DSZ-44 Gemscope

DSZV-44 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam® USB 5M CMOS Camera


26800B-323

- Magnification range: 10x-44x
- Zoom ratio: 4.4:1
- Field of view: 23mm-5.2mm (0.91"-0.2")
- Working distance: 90mm (3.54")
- Includes wide field DSW10x (F.N.23) eyepieces
- Diopter adjustment on both eyepiece tubes
- Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- Mighty Cam® USB 5M CMOS Camera with ezMeasure software
- Pole stand with built-in LED illumination with dimmer control
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

Product ID	Description
26800B-323	DSZV-44 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam® USB 5M CMOS Camera

Video Inspection Systems

AVEN Tools for Advancing Innovation™

Macro Zoom 3x – 42x Lens System

26700-182



- Focal length: 12-36mm
- C/CS mount
- Working distance 20mm~300mm
- Ideal for quality assurance or assembly applications where easy to view, sharp and true to life magnified image of your product is required. The Macro Zoom 3x-42x offers unsurpassed clarity and parfocal zoom capabilities. Compatible with cameras with C/CS mount. Includes a soft travel pouch.

Product ID	Description
26700-182	Macro Zoom 3x-42x Lens System

Computar MLH 10x Lens

26700-181



- f/5.6 to 32C manual iris
- 21.6-4.5° diagonal FOV
- Manual zoom (10x) and focus
- 0.15-0.45m Focus
- C-Mount connection
- Computar Manual Zoom Lenses provide manual adjustment of focal length, iris and focus. For use where a variable angle of view is required. Main applications for this lens include inspection, machine vision and robotics.
- This system requires an adapter plate

Product ID	Description
26700-181	Macro Zoom 3x-42x Lens System
26700-181AP	Adapter Plate for Macro Lens 26700-181

Need a Product Demonstration?

Request one at www.AvenTools.com

Macro Lens System Zoom 7000

26700-180



- 6:1 zoom ratio
- 6x magnification over focal range of 18mm-108mm (0.71”-4.25”)
- Working distance 127mm (5”) to Infinity
- Compatible with cameras 16.9mm (0.67”) or smaller
- The Zoom 7000 is a close focusing macro video lens ideal for applications where objects over 25mm (1”) in diameter must be imaged. It offers unsurpassed clarity and parfocal zoom capabilities. Compatible with cameras 2/3” (16.9mm) or smaller. Ideal for quality assurance or assembly applications where easy to view, sharp and true to life magnified image of your product is required.
- This system requires an adapter plate

Product ID	Description
26700-180	Macro Lens System Zoom 7000
26700-180AP	Adapter Plate for Macro Lens Zoom 7000

Micro Lens System Zoom 640

26700-151



- Infinity Optical Design for large depth of field and zoom ratio
- Parfocal throughout zoom range
- Compact design
- High contrast images and vivid colors
- Aven Micro Lens System produces crisp and clear images that are distortion free and void of chromatic aberration. This lens system comes with detents which allows you to calibrate the lens for measurement repeatability. Comes standard with 1x C-mount coupler and 1x objective lens. Total magnification is 0.6x-4.0x, Field of View is 6mm x 8mm at low magnification and 0.8mm x 1.2mm at high magnification. Working distance is 82mm. Additional couplers and objective lenses are available to help you configure a lens system to meet your application.

Product ID	Description
26700-151	Micro Lens System Zoom 640

Create Your Own Custom Video Inspection System

With a large variety of adapters, auxiliary lenses, cameras, lighting options, video capture cards and stands you can create and order your own customized video inspection system on our website. If you need help creating a custom video inspection system, please call our experienced sales team at **734-973-0099** or **sales@aventools.com** and let us assist you in creating a tailor made solution that will meet your specific requirements. Whether you are inspecting objects like integrated circuits, solder joints and small parts, or you require magnification for precision assembly, we can provide a customized solution to fit your needs.

Micro Lens System Zoom 640 with In Line LED Coaxial Illumination

- Inline Coaxial Illumination for highly reflective surfaces
- Aven Micro Lens System with inline Coaxial Illumination is ideal for applications involving highly reflective surfaces, such as wafers, polished parts and fluids. This lens system will provide even illumination in high magnification applications. This lens system comes with detents which allows you to calibrate the lens for measurement repeatability. Comes standard with 1x C-mount coupler and 1x objective lens and LED illuminator with intensity control. Total magnification is 0.6x to 4.0x, Field of view is 6mm x 8mm at low magnification and 0.8mm x 1.2mm at high magnification. Working distance is 82mm. Additional couplers and objective lenses are available to help you configure a lens system to meet your application.



26700-151-CX

Product ID	Description
26700-151-CX	Micro Lens System Zoom 640 with In Line LED Coaxial Illumination

Micro Lens System FM123

- Four Lenses
- Switchable Magnification
- Object stays in focus when switching magnification
- Can be used as a monocular microscope with included 10x eyepiece
- C-Mount Adapter Included
- The Micro FM123 lens has four switchable lenses, 0.78x, 1.56x, 2.34x and 3.12x, located in the unit. Simply rotate the head to switch between magnifications. It includes a 10x eyepiece which allows you to use the lens as a monocular microscope with magnification of 7.8x, 15.6x, 23.4x and 31.2x. Using a 1/3" CCD camera and a 19" monitor, the on screen magnification is about 62x, 125x, 188x and 250x subject to 4:3 aspect ratio of both screen and camera chip. For other aspect ratio such as 16:9, these magnifications may change depending on the screen and the camera used. Ideal for high magnification field of view measurement.

26700-185



Product ID	Description
26700-185	Micro Lens System FM123

Video Inspection Systems

Adapter Plate for Macro Lens Zoom 7000

- Adapter for Macro Lens Zoom 7000
- For focus mounts (26800B-517 & 26800B-518)
- Outside diameter: 73mm
- Inside diameter: 46.75mm
- 22.5mm height



26700-180AP

Product ID	Description
26700-180AP	Adapter Plate for Macro Lens Zoom 7000

Adapter Plate for Micro Lens 640

- Adapter for Micro Lens 640
- For focus mounts (26800B-517 & 26800B-518)
- Outside diameter: 73mm
- Inside diameter: 35.25mm
- 24mm height



26700-151AP

Product ID	Description
26700-151AP	Adapter Plate for Micro Lens 640

Adapter Plate for Macro Lens 26700-181

- Adapter for Macro Lens Zoom 26700-181
- Outside diameter: 84mm
- Inside diameter: 47mm
- 0.75mm height



26700-181AP

Product ID	Description
26700-181AP	Adapter Plate for Macro Lens 26700-181

C-Mount Coupler 0.5x

- Mounts to Micro Video Lens System Zoom 640
- Reduces magnification by 0.5x
- Ideal for cameras with sensors 12.7mm (1/2") or larger
- Can be used with any C-Mount camera
- See optical specification chart for more details



26700-156

Product ID	Description
26700-156	C-Mount Coupler 0.5x

C-Mount Coupler 1.0x

- Mounts to Micro Video Lens System Zoom 640
- Increases magnification by 1x
- Ideal for with sensors less than 16.9mm (2/3")
- Can be used with any C-Mount camera
- See optical specification chart for more details



26700-158

Product ID	Description
26700-158	C-Mount Coupler 1.0x

Objective Lens 0.5x

- Objective Lens for Micro Video Lens System Zoom 640
- Reduces magnification by 0.5x
- Color corrected lens system
- Working distance 175mm (6.9")
- See optical specification chart for more details



26700-162

Product ID	Description
26700-162	Objective Lens 0.5x

Objective Lens 0.75x

- Objective Lens for Micro Video Lens System Zoom 640
- Reduces magnification by 0.75x
- Color corrected lens system
- Working distance 117mm (4.6")
- See optical specification chart for more details



26700-163

Product ID	Description
26700-163	Objective Lens 0.5x

Objective Lens 1x

- Objective Lens for Micro Video Lens System Zoom 640
- Color corrected lens system
- Working distance 82mm (3.2")
- See optical specification chart for more details



26700-164

Product ID	Description
26700-164	Objective Lens 1x

Objective Lens 1.5x

- Objective Lens for Micro Video Lens System Zoom 640
- Increases magnification by 1.5x
- Color corrected lens system
- Working distance 54mm (2.1")
- See optical specification chart for more details



26700-165

Product ID	Description
26700-165	Objective Lens 1.5x

Objective Lens 2x

- Objective Lens for Micro Video Lens System Zoom 640
- Increases magnification by 2x
- Color corrected lens system
- Working distance 35mm (1.4")
- See optical specification chart for more details



26700-166

Product ID	Description
26700-166	Objective Lens 2x

Video Inspection Systems

Optical Data Chart

Objective			CCD Coupler	
Magnification	Working Distance		0.5X	1X
0.3X	WD:293mm	Total Mag.	0.09X--0.6X	0.18X--1.2X
		FOV(mm)	40X53.33--6X8	20X26.67--3X4
0.5X	WD:175mm	Total Mag.	0.15X--1X	0.3X--2X
		FOV(mm)	24X32--3.6X4.8	12X16--1.8X2.4
0.75X	WD:117mm	Total Mag.	0.225X--1.5X	0.45X--3X
		FOV(mm)	16X21.33-2.4X3.2	8X10.67-1.2x1.6
1X	WD: 82mm	Total Mag.	0.3X-2X	0.6X-4X
		FOV(mm)	12X16-1.8X2.4	6X8-0.9X1.2
1.5X	WD:54mm	Total Mag.	0.45X-3X	.9X-6X
		FOV(mm)	8X10.67-1.2X1.6	4X5.33-0.6X0.8
2X	WD:35mm	Total Mag.	0.6X-4X	1.2X-8X
		FOV(mm)	6X8-0.9X1.2	3X4-0.45X0.6

Cyclops Micro Digital Microscope with Micro Zoom Lens

- 29x-185x magnification with Micro lens
- Auto/manual focus
- 1080p HD output via HDMI cable. No computer required for image processing.
- Universal C-mount camera lens



26700-421

Product ID	Description
26700-421	Cyclops Micro Digital Microscope with Micro Zoom Lens

Mighty Mag Auto Focus Micro Lens System with 64GB USB Drive

- Magnification range: 57.6x-384x
- Field of view: 16mm-1.8mm at a 3" working distance
- Save high resolution image/video files to the included 64GB USB Drive No external recording device required.



26700-109

Product ID	Description
26700-109	Mighty Mag Auto Focus Micro Lens System with 64GB USB Drive

Eidos High Mag Inspection System for Small Parts

- Magnification on the 11.6" screen are: Setting 1x. Mag: 40x; Setting 2x, Mag 75x; Setting 3x, Mag 110x and Setting 4x, Mag 150x
- 3" working distance
- Designed for examination of small parts such has stents, PCB boards, etc.



System-260-185

Product ID	Description
System-260-185	Eidos High Mag Inspection System for Small Parts

Cyclops Macro Digital Microscope with Macro Zoom Lens

- 3x-43x magnification with Macro lens
- Auto/manual focus
- 1080p HD output via HDMI cable. No computer required for image processing.
- Universal C-mount camera lens



26700-420

Product ID	Description
26700-420	Cyclops Micro Digital Microscope with Micro Zoom Lens

Mighty Mag Auto Focus Macro Lens System with 64GB USB Drive

- Provides instant focus from any angle with a sharp 1080p full HD image
- Save high resolution image/video to the included 64GB USB drive
- Ideal for inspecting layered objects like PCBs



26700-108

Product ID	Description
26700-108	Mighty Mag Auto Focus Macro Lens System with 64GB USB Drive

Macro Vue Eidos Video Inspection System with Gliding Boom Stand

- 7x-40x magnification at a 6" working distance
- The Gliding Boom Stand smoothly glides across large objects
- Built-in SD card slot for instant image/ video capture, no computer required



26700-118

Product ID	Description
26700-118	Macro Vue Eidos Video Inspection System with Gliding Boom Stand

Macro Vue Eidos Video Inspection System with Standard Stand

- 7x-40x magnification at a 6" working distance
- Wide zoom range for general inspection
- Built-in SD card slot for instant image/video capture, no computer required



26700-117

Product ID	Description
26700-117	Macro Vue Eidos Video Inspection System with Standard Stand

See Aven's exclusive article:

"How to Select the Right Microscope or Video Inspection System"

Visit www.AvenTools.com

Video Inspection Systems

Macro Series Zoom 7000 PK M2 Auto Focus

- Large magnification range of 3.7x-61.9x
- Large working distance of 117.8-304.8mm
- Double Arm "Easy Glide" Boom Stand with heavy base for stability
- Instant auto focus at any angle
- PC not required for image processing
- 6:1 zoom allows for quick magnification



26700-103-10-AF

Product ID	Description
26700-103-10-AF	Macro Series Zoom 7000 PK M2 Auto Focus

Macro Series Zoom 7000 PK M1 Auto Focus

- Large magnification range of 3.7x-61.9x
- Large working distance of 117.8-304.8mm
- Instant auto focus at any angle
- PC not required for image processing
- 6:1 zoom allows for quick magnification



26700-103-00-AF

Product ID	Description
26700-103-00-AF	Macro Series Zoom 7000 PK M1 Auto Focus

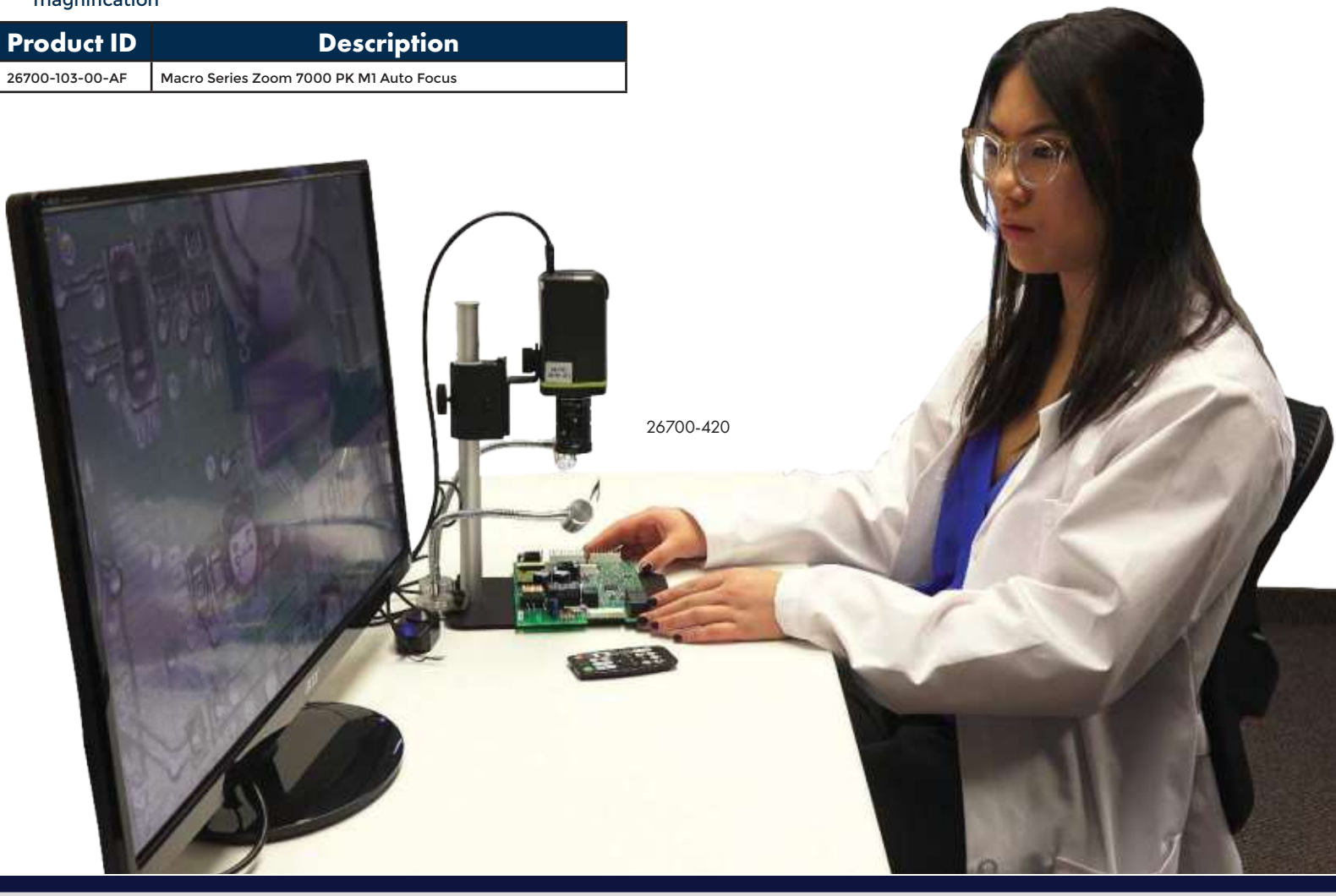
AutoFlex Video Inspection System with 1080p Auto Focus Camera & FlexArm Stand, 64 GB USB Drive Card

- Achieve instant auto focus – no need to adjust the focus of the lens
- Ultimate flexibility: 18" flexible arm with a 360 ball joint provides limitless positioning options
- Superior optics: 3x-80x magnification at a 6" working distance
- Crystal clear viewing on a 22" 1080p montior
- LED ring light with 96 ultra-bright, adjustable LEDs
- SD Card for image/video capture



26700-121

Product ID	Description
26700-121	AutoFlex Video Inspection System with 1080p Auto Focus Camera & FlexArm Stand, 64 GB USB Drive Card | **Table Clamp**
26700-120	AutoFlex Video Inspection System with 1080p Auto Focus Camera & FlexArm Stand, 64 GB USB Drive Card | **Magnetic Base**



26700-420

Video Inspection Accessories

AVEN Tools for Advancing Innovation™

Boom Stand Mounting Post for Inspection Cameras and Cyclops Digital Microscopes

- Mounting post designed to be used with Aven boom stands and articulating arm stands
- Features 1/4-20 screw mount, compatible with all Aven cameras and Cyclops Digital Microscopes



26800B-600

Product ID	Description
26800B-600	Boom Stand Mounting Post for Inspection Cameras and Cyclops Digital Microscopes

ZEN Mount Arm for Video Inspection Systems

- 12"-16" versatile. lightweight teloscoping mount
- Two ball joints allow camera to be positioned at nearly any angle
- 360° rotation
- 1/4" screw mount compatible with most cameras
- Table clamp with up to 3" opening

26700-413

Product ID	Description
26700-413	ZEN Mount Arm for Video Inspection Systems

18" Flex Arm with 360° Swivel Head and Magnetic Base

- 18" flexible arm stays in place in any position
- 1/4" screw mount compatible with most retail cameras, inspection cameras, and the Cyclops Digital Microscope
- Features an attached 3" magnetic base

26800B-558

Product ID	Description
26800B-558	18" Flex Arm with 360° Swivel Head and Magnetic Base

18" Flex Arm with 360° Swivel Head and 2" Table Clamp

- 18" flexible arm stays in place in any position
- 1/4" screw mount compatible with most retail cameras, inspection cameras, and the Cyclops Digital Microscope
- Features a table clamp with 2" opening

26800B-557

Product ID	Description
26800B-557	18" Flex Arm with 360° Swivel Head and 2" Table Clamp

Articulating Arm Stand for Video Inspection Systems

- 15.5" post with a 20.5" articulating arm
- The arm can be locked in place at any point along the stand
- The end of the arm features a ball joint for rotating the camera 360°
- Features a heavy duty table clamp

26700-400-AAS

Product ID	Description
26700-400-AAS	Articulating Arm Stand for Video Inspection Systems

Monitor Mount for Aven Boom Stands

- Turn your boom stand into a monitor stand with this heavy duty monitor mount
- Securely connects to the opening at the end of the boom arm
- Tilts up and down for the ideal angle

26800B-555-MM

Product ID	Description
26800B-555-MM	Monitor Mount for Aven Boom Stands

LCD Monitor Mount, 542 Series, 12" Post Height

- Meets VESA standards: fits monitors with 100mm x 100mm mounting patterns
- Arms have 360° swivel and rotation and -15 to +15 degree tilt adjustment
- Made of high grade steel and aluminum
- Holds wide screen display up to 27"

26700-411

Product ID	Description
26700-411	LCD Monitor Mount, 542 Series, 12" Post Height

Looking for something else?
There's **more stands on pages 23-24!**
Or visit www.AvenTools.com

CMOS Cameras

Mighty Cam® HDMI Color Camera 2.0M w/USB Flash Drive & Built-in Measurement Software



26100-254

- Aven's color HDMI camera with built in USB Flash Drive and measurement software, is a simple solution to those that need to inspect and measure with accuracy. A PC is not required for image processing and no software to install. Images with measurement data can be saved to the built in USB Flash Drive using the remote trigger (included). Built in software includes the following features: Edge Detection, Live/ Freeze Image, Measure line, circle, radius, angle and parallel lines.
- Compact 720p color camera with VGA output
- Live/Freeze Image Function; Cross Hair for quick gaging
- Produces crisp and clear color images in widescreen format
- Auto gain exposure setting to reduce glare
- On screen menu for quick access to camera settings

Product ID	Description
26100-254	Mighty Cam® HDMI Color Camera 2.0M w/USB Flash Drive & Built-in Measuremenet Software

Mighty Cam® Auto Focus with SD Card



26100-257UD

- Achieve instant focus without the need to constantly adjust your lens. Ideal for inspecting multilayered objects such as PCBs. View crystal clear 1080p images on your HD monitor. Designed for lens systems with a C/CS mount interface. Save high resolution images/video to the included 32 GB micro SD card, no external recording devices required.
- Provides instant focus from any angle
- Sharp 1080p Full HD image
- Save image and video files to SD card, no external recording device required
- Compatible with C/CS mount video lenses and trinocular microscopes
- Significantly reduces inspection time
- Includes a wireless mouse for access to the interactive menu system

Product ID	Description
26100-257UD	Mighty Cam® Auto Focus with SD Card

Mighty Cam® USB 3.0 6MP CMOS Camera with Imaging Software



26100-244

- Aven's Mighty Cam® USB 6M CMOS Camera with imaging and measurement software. Create stunning images with outstanding clarity then measure, annotate and analyze with ease with the imaging software.
- USB 6M CMOS Camera with Imaging Software
- Easy plug-and-play USB 3.0 interface
- Versatile C/CS lenses mount
- Calibrate measurements, adjust depth of field in real time and create large panoramic images with real-time stitiching feature

Product ID	Description
26100-244	Mighty Cam® USB 3.0 6MP CMOS Camera with Imaging Software

Mighty Cam® Eidos – 2M Camera with Integrated 11.6" HD Monitor



26100-260

- Connect to any C/CS mount microscope or video lens. View High Res 1080p HD images on the 11.6" LCD monitor. No computer or external monitor required for inspection or image/video capture. Built-in SD card slot and USB output for PC connectivity. Includes wireless mouse to control menu settings.
- Convenient 2-in-1 camera and monitor system
- Simple cable management
- Crisp HD image
- Built in SD card reader for instant image/video capture
- USB output for connection to your PC
- Wireless mouse for access to settings menus
- Grid overlays, compare mode, freeze mode and mirror mode
- Saves premium bench space compared to a monitor

Product ID	Description
26100-260	Mighty Cam® Eidos - 2M Camera with Integrated 11.6" HD Monitor

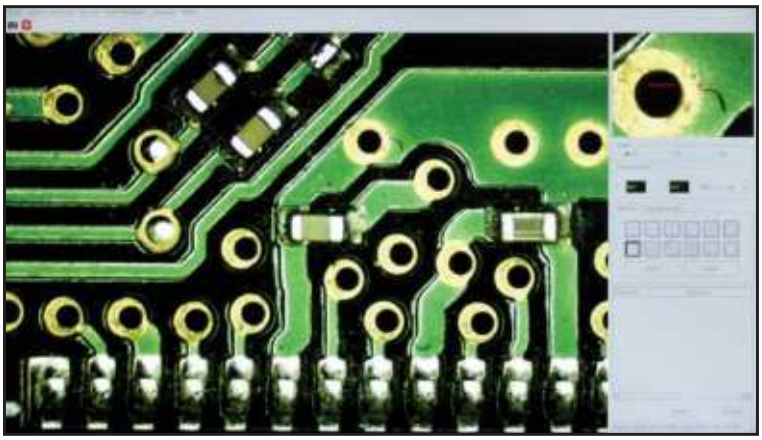
Design Your Own Microscope System

With a large variety of cameras, lighting options, stands and focus mounts, you can create and order your own customized microscope system on www.**AvenTools.com**. If you need help creating a custom system, please call our experienced sales team at **734-973-0099** and let them assist you in creating a tailor made solution that will meet your specific requirements.

Imaging & Measurement Software

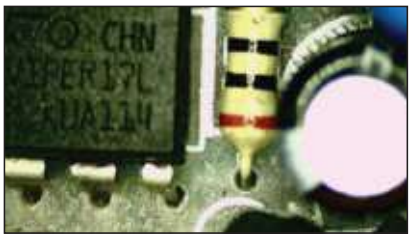
AVEN Tools for Advancing Innovation™

Measurement Camera Software for 26100-254



Measure and Analyze with Ease

The advanced measurement software is able to detect gray scale gradations and can measure a line, circle, radius, angle and parallel lines in millimeters or inches. Users can save five sets of measurement data on the USB Flash Drive, which simplifies comparisons and record-keeping. White balance and exposure can be automatic or one-click mouse functions.



Capture High Quality Images

Create enhanced still photos with or without measurement lines and save for further analysis.



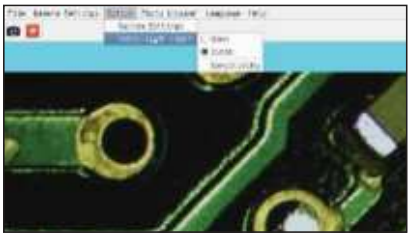
Optional Capture Settings

Software allows you to choose which image format to save files in (JPG or BMP) and also measurements you added to the image.



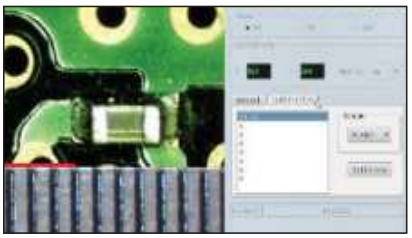
Camera Settings

The software also allows you to edit all camera settings. Options include luminance, contrast, RGB values, auto exposure and auto white balance.



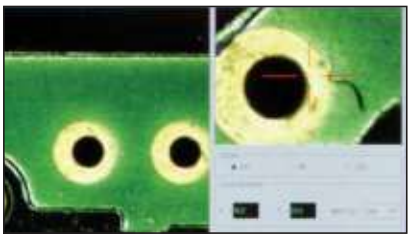
Edge Detection Tool

Software has an Intelligent Edge detection tool built in for finding boundaries of objects within images. It works by detecting the discontinuities in brightness.



Easy Measurement Calibration

Calibrating the software for measurement is as simple as placing a ruler or other scale under the lens, selecting the size, e.g. 16mm and pressing the Calibrate button.



Magnifying Window

Software digitally magnifies the area around the mouse pointer by 4x, 9x and 16x (selectable). This is particularly helpful when you need to see minute features.

Additional Features

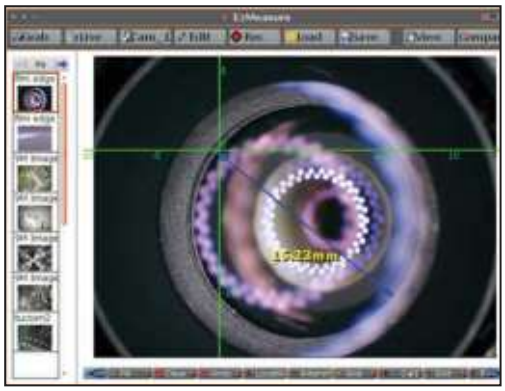
- Photo Browser displays images saved on USB Flash Drive and can be expanded to full screen for review
- Measurement results are displayed in the side panel and can be exported and saved on the USB Flash Drive
- Multiple measurement tools such as lines, parallel lines, circles and polygons (plotted with up to 10 points) are available in the Manual tab

* Note: Aven recommends that you use a detented lens system or a microscope with click stops for accurate repeatable measurements

Imaging & Measurement Software

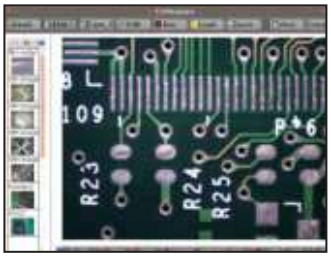
AVEN Tools for Advancing Innovation™

ezMeasure® Software



Measure, Annotate and Analyze with Ease

ezMeasure® software allows you to measure, annotate, and analyze your images with just a few mouse clicks. Create written reports that include the raw data, plus the images involved. With ezMeasure® you can view realtime live images or screenshots from your saved folder which can be reviewed, replayed, and anaylzed. Recent projects are easily accessible with thumbprint menu.



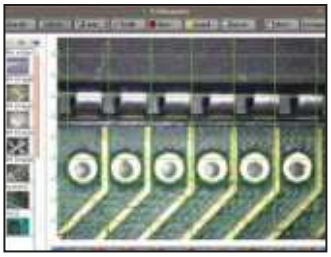
Capture High Quality Images

Create enhanced still photos or record a live video stream for play back.



Simultaneous Live Views

Use two cameras on same work station for side by side live views.



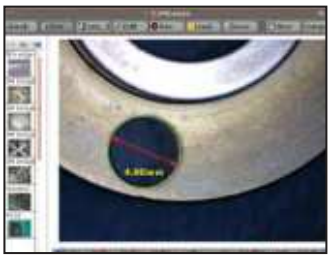
Grid Feature

Locate and compare with ease using multiple grid views.



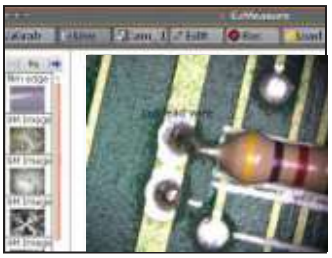
Customize the Layout

Set the layout to your personal preferences and save your unique settings for future use.



Measurement Tools

- Set the image pixels to real units eg. mm or inches.
- Record and save multiple calibration settings.
- Measure the distances between different points, or edges.



Text Button

Allows annotations directly onto the screen. The user has the abiltiy to adjust the size and the appearance of the text.

Additional Features

- Fill Mode Tool determines the image size: Fit-to-Fill the entire viewing area, Zoomed in, or Preserve the Original aspect ratio.
- Location Button provides a cursor for the X,Y,Z-axis coordinates. Moving the Cursor with the mouse updates the coordinates.

Product ID	Description
26100-406	ezMeasure® Software

Microscope & Video Accessories

AVEN Tools for Advancing Innovation™

ProLux LED Fiber Optic Illuminator

- Accepts virtually any light guide with quick change adapters
- Advanced heat pipe technology using metal core PCBs
- Higher brightness, better color, longer life, half the energy consumption and reduced ownership costs
- Linear Light Intensity Control with continuous dimming
- Maintenance-free LEDs have a minimum lifetime of 25,000 Hours



26200A-300

Product ID	Description
26200A-300	ProLux LED Fiber Optic Illuminator

Dual Pipe Light Guide

- High quality fiber
- Large fiber bundle assures maximum light transmission
- Obedient "stay-up" sheathing for accurate positioning
- Focusable lens on each pipe for individual light control



26200A-523

Product ID	Description
26200A-523	Dual Pipe Light Guide

LED Ring Light with Adjustable Polarizer

- Ideal for reducing glare when inspecting reflective objects
- 120 adjustable ultra-bright SMD LEDs
- Polarizer dial with reference markers to adjust the level of polarization
- Includes a tinted glass analyzer insert for enhanced polarization effects



26200B-222

Product ID	Description
26200B-222	LED Ring Light with Adjustable Polarizer

Fiber Optic Ring Light

- High quality glass fiber
- Provides 360° shadow free illumination
- Large fiber bundle ensures maximum light transmission
- Accepts polarizers
- Comes with standard 15.875mm (5/8") adapter
- Inner diameter 58.674mm (2.31")



26200A-402

Product ID	Description
26200A-402	Fiber Optic Ring Light

Ring Light - Video Lenses

- High quality fiber
- Provides 360° shadow-free illumination
- Large fiber bundle ensures maximum light transmission
- Comes with standard 15.875mm (5/8") adapter
- Inner diameter 28.58mm (1.125")
- Designed for use with Video Lenses



26200A-403

Product ID	Description
26200A-403	Ring Light - Video Lenses

Polarizer for Fiber Optic Ring Lights

- Helps reduce glare
- Analyzer sits in Counterbore
- Low profile does not inhibit placement of lens or subject



26200A-402P

Product ID	Description
26200A-402P	Polarizer for Fiber Optic Ring Lights

Illumination for Microscopy & Video Inspection

Aven offers a variety of lighting options. Eco-friendly white LED ring lights are designed to be used with standard microscopes and video lenses providing a stable bright light at a very low temperature. Fiber optic illuminators are often referred to as "cold light" illuminators because they provide high intensity focused light without the heat typically associated with high intensity lamps. Additional options include a ring light with polarizer for shiny surfaces as well as diffuse axial LED illuminator for specular & shiny surfaces.

Visit **www.AvenTools.com** or call us at **734-973-0099** if you require help assembling a custom system or choosing the best inspection system for your application.

Microscope & Video Accessories

AVEN Tools for Advancing Innovation™

E-Arm Focus Mount w/ Integrated LED Ring Light

- E-Arm compatible with boom stands and articulating arm stands
- 60 integrated LED ring light with dimmer control
- Minimum 20,000 hours of high-output LED illumination
- Fits Aven's binocular and trinocular microscopes
- Low power consumption



26200B-209

Product ID	Description
26200B-209	E-Arm Focus Mount w/ Integrated LED Ring Light

Ring Light LED with Integrated Focus Mount

- Integrated LED ring light with focus mount with coarse and fine focus
- Eliminates chance of LED ring becoming loose from the microscope
- Increases working distance
- May be used with standard stand, articulating arm stand or either single or double arm boom stands*



26200B-207

Product ID	Description
26200B-207	Ring Light LED with Integrated Focus Mount

Ring Light LED with Polarizer

- Polarizer with Analyzer is ideal for illuminating shiny or highly reflective parts
- LED lights are flicker free, energy efficient and ecofriendly
- Operates at a low temperature and does not change color over time
- Inner diameter is 70mm (2.75") with three thumb screws for easy mounting



26200B-214

Product ID	Description
26200B-214	Ring Light LED with Polarizer

Ring Light LED Triple Color

- 120 LEDs, 40 white, 40 blue and 40 red
- 7-step brightness control
- Flicker-free
- No color change with temperature
- Energy-efficient and eco-friendly



26200B-213

Product ID	Description
26200B-213	Ring Light LED Triple Color

* Note: When used with articulating stand, single arm boom stand, or double arm boom stand, an arbor (26800B-521) is required for mounting.

Pro Series 40 LED Ring Light

- 40 powerful, high-precision aligned LEDs (white daylight)
- 4 quadrant controller and auto voltage sensing power supply
- Machined aluminum alloy housing for durability
- Fully adjustable dimming control
- 360° shadow-free illumination



26200B-217

Product ID	Description
26200B-217	Pro Series 40 LED Ring Light

LED Ring Light w/ Brightness and Sector Control

- 40 powerful, high-precision aligned LEDs (white daylight)
- 4 quadrant controller and auto voltage sensing power supply
- Machined aluminum alloy housing for durability
- Fully adjustable dimming control
- 360° shadow-free illumination



26200B-211

Product ID	Description
26200B-211	LED Ring Light w/ Brightness and Sector Control

LED Ring Light w/ Brightness and Sector Control

- 72 high-performance LEDs
- Continuous brightness control
- 4 sectors and each can be controlled independently
- Flicker-free
- No color change with temperature



26200B-212

Product ID	Description
26200B-212	LED Ring Light w/ Brightness and Sector Control

Ring Light Adapter

- Allows for secure mounting of ring lights to DSZ, NSW and SPZ Series Microscopes
- Screws onto bottom of microscope body



26800B-460

Product ID	Description
26800B-460	Ring Light Adapter

Protective Lens Cover

- Allows for secure mounting of ring lights to DSZ, NSW and SPZ Series Microscopes
- Screws onto bottom of microscope body



26800B-465

Product ID	Description
26800B-465	Protective Glass Cover

Microscope & Video Accessories

AVEN Tools for Advancing Innovation™

Single Arm Boom Stand w/Heavy Metal Base

- Base dimensions: 285mm x 260mm x 18mm (11.22" x 10.23" x 0.71")
- Vertical post length: 384mm (15.12")
- Heavy base provides excellent stability
- Allows positioning of microscopes over a large area
- Posts are highly polished for smooth operation


26800B-519

Product ID	Description
26800B-519	Single Arm Boom Stand w/Heavy Metal Base

Double Arm Boom Stand w/Heavy Metal Base

- Base dimensions: 285mm x 260mm x 18mm (11.22" x 10.23" x 0.71")
- Vertical post length: 384mm (15.12")
- Heavy base provides excellent stability
- Allows positioning of microscopes over a large area
- Posts are highly polished for smooth operation


26800B-534

Product ID	Description
26800B-534	Double Arm Boom Stand w/Heavy Metal Base

Pole Stand with Focus Mount

- Base dimensions: 210mm x 278mm x 25mm (8.26" x 10.94" x 0.98")
- Vertical post length: 255mm (10")
- Includes rack & pinion focus mount with fine focus adjustment
- Frosted, black and white stage plates
- Safety clamp included


26800B-509

Product ID	Description
26800B-509	Pole Stand with Focus Mount

Ultra-Glide Boom Stand w/ Heavy Metal Base

- Heavy base coupled with ball bearing slide allows for easy positioning of the microscope
- 13.5" height available with extension post
- All metal construction
- Ideal for use when large objects are to be viewed


26800B-556

Product ID	Description
26800B-556	Ultra-Glide Boom Stand w/ Heavy Metal Base

Note: Single & Double Arm Boom Stands require either a Focus Mount (26800B-517) with tiltable arbor (26800B-521) or E-Arm Focus Mount (26800B-518).

Track Stand with Focus Mount with LED Illumination Top and Bottom

- Base dimensions: 210mm x 278mm x 40mm (8.26" x 10.94" x 1.57")
- Tracking range: 245mm (9.65")
- Light weight compact track stand
- Comes with rack & pinion focus mount with fine focus adjustment
- Top & bottom LED illumination with dimmer control
- Frosted black and white stage plates


26800B-508

Product ID	Description
26800B-508	Track Stand with Focus Mount with LED Illumination Top and Bottom

Pole Stand with Focus Mount and LED Illumination

- Base dimensions: 220mm x 284mm x 15mm (8.6" x 11" x 0.6")
- Vertical post length: 255mm (10")
- Light weight compact stand
- Comes with rack & pinion focus mount with course and fine adjustment knobs
- Built in 60 LED ring light with dimmer control


26800B-512

Product ID	Description
26800B-512	Pole Stand with Focus Mount and LED Illumination

Diffuser for Glare Reduction

- Helps reduce glare from shiny objects
- Made from durable plastic material
- Ideal for observing solder joints, metallic parts or shiny surfaces
- Designed for use with 26800B-512 (Stand PLED) and 26200B-207 (Ring Light with Focus Mount)


26200B-209DF2

Product ID	Description
26200B-209DF2	Diffuser for Glare Reduction

Pole Stand with Focus Mount

- Base dimensions: 220 x 284 x 15mm (8.66" x 11.18" x 0.59")
- Vertical post length: 250mm (10")
- Lightweight compact stand
- Ideal for examining small parts
- Saves bench space
- Includes with rack & pinion focus mount with course and fine adjustment knobs


26800B-511

Product ID	Description
26800B-511	Pole Stand with Focus Mount

Note: Pole stands are not suitable for SPZ Series microscopes with 0.5x lens as vertical post is not long enough to accommodate the working distance.

Microscope & Video Accessories

AVEN Tools for Advancing Innovation™

Standard Articulating Arm Stand

- Allows great flexibility in positioning microscopes
- Can be moved out of way when not in use
- All metal construction



26800B-560

Product ID	Description
26800B-560	Standard Articulating Arm Stand

Tiltable Arbor

- Designed to extend the working range of boom stands and articulating arm stands
- Allows tilting of microscope bodies to increase operator comfort



26800B-521

Product ID	Description
26800B-521	Tiltable Arbor

Gemology Stand with Fluorescent and Halogen Illumination

- Independently controllable fluorescent front light provides even shadow-free illumination
- Dimmable halogen transmitted and pipe light with separate controls
- 2 post positioning, right and left for adjustable gem tweezers
- Adjustable iris in dark field attachment
- Stand can be inclined from 0°-10°



26800B-507

Product ID	Description
26800B-507	Gemology Stand with Fluorescent an Halogen Illumination

Heavy Duty Post Stand w/ Safety Clamp

- Base dimension: 279mm x 330mm x 12.7mm (10.98" x 13" x 0.5")
- Vertical post length: 406mm (15.98")
- Aluminum powder coated base
- 10 tapped holes for mounting x-y stages
- UNC bolt and safety clamp included
- Vertical post will accept focus mount (26800B-517) to which bodies SPZH, SPZ series, DSZ series and NSW series can be mounted



26800B-570

Product ID	Description
26800B-570	Heavy Duty Post Stand with Safety Clamp - 25mm
26800B-571	Heavy Duty Post Stand with Safety Clamp - 32mm

Focus Mount

- Coarse & fine focus adjustments
- Precision rack & pinion mechanism with tension control
- 74mm diameter ring
- Will accept Aven SPZH, SPZ, DSZ and NSW series microscopes



26800B-517

Product ID	Description
26800B-517	Focus Mount

E-Arm Focus Mount

- Rack and pinion mechanism with coarse focus adjustment
- 50mm focusing distance in vertical direction
- 74mm diameter ring
- Mounts to any of our boom stands or articulating arm stands



26800B-518

Product ID	Description
26800B-518	E-Arm Focus Mount

N-Type Focus Mount

- Coarse focus adjustments
- Precision rack and pinion mechanism with tension control
- 32mm opening for post attachment
- Will accept Aven SPZH, SPZ, and DSZ series microscopes



26800B-578

Product ID	Description
26800B-578	N-Type Focus Mount

Gliding Stage w/95mm Ring Mount

- Smooth motion for precise specimen placement
- Anodized black metal and glass components
- Glass top with interior Y and exterior X unit measurements
- Coaxial dial system for easy and accurate operation
- Useful for dissection and circuit board inspection



26800B-477

Product ID	Description
26800B-477	Gliding Stage w/95mm Ring Mount

Large Gliding Stage

- Precision-machined bevel-cut gearing
- Fine, controlled movement along the entire 300mmx200mm travel in the X-Y axis
- Black anodized finish
- Ideal for smooth and controlled movement



26800B-478

Product ID	Description
26800B-478	Large Gliding Stage

Microscope & Video Accessories

AVEN Tools for Advancing Innovation™

Microscope Eyepiece 10x with 10:100mm Scale

- 10x magnification power
- 10:100mm scale reticle
- Excellent for measurement
- High eye-point design
- 20mm super wide field of view



26800B-455

Product ID	Description
26800B-455	Microscope Eyepiece 10x with 10:100mm Scale

Microscope Eyepiece 10x with 5:100mm Scale

- 10x magnification power
- 5:100mm scale reticle
- Excellent for measurement
- High eye-point design
- 20mm Super wide field of view



26800B-456

Product ID	Description
26800B-456	Microscope Eyepiece 10x with 5:100mm Scale

Microscope Eyepiece 10x with 20x20 0.5mm Scale

- 10x magnification power
- 20x20, 0.5mm squares reticle
- Excellent for measurement
- High eye-point design
- 20mm super wide field of view



26800B-457

Product ID	Description
26800B-457	Microscope Eyepiece 10x with 20x20 0.5mm Scale

Microscope Eyepiece 10x with 10x10 1mm Squares

- 10x magnification power
- 10x10, 1mm squares reticle
- Excellent for measurement
- High eye-point design
- 20mm super wide field of view



26800B-458

Product ID	Description
26800B-458	Microscope Eyepiece 10x with 10x10 1mm Squares

See Aven's exclusive article:

"How to Select the Right Microscope or Video Inspection System"

Visit www.AvenTools.com

Microscope Eyepiece 10x with 10:100mm Scale Cross Hair

- 10x magnification power
- 10:100mm scale cross hair reticle
- Excellent for measurement
- High eye-point design
- 20mm super wide field of view



26800B-459

Product ID	Description
26800B-459	Microscope Eyepiece 10x with 10:100mm Scale Cross Hair

DSW-10X Eyepieces - DSZ-44 and NSW series bodies

- Wide field 10x eyepieces
- For DSZ-44 and NSW series Microscopes
- FN 23



26800B-441

Product ID	Description
26800B-441	DSW-10X Eyepieces - DSZ-44 and NSW series bodies

DSW-15X Eyepieces - DSZ and NSW series bodies

- Wide field 15x eyepieces
- For DSZ-44, DSZ-70 and NSW microscopes
- FN 15



26800B-442

Product ID	Description
26800B-442	DSW-15X Eyepieces - DSZ and NSW series bodies

DSW-20X Eyepieces - DSZ and NSW series bodies

- Wide field 20x eyepieces
- For DSZ-44, DSZ-70 and NSW microscopes
- FN 11.4



26800B-443

Product ID	Description
26800B-443	DSW-20X Eyepieces - DSZ and NSW series bodies

DSW-10X Eyepieces - DSZ-70 series bodies

- Wide field 10x eyepieces
- For DSZ-70 microscopes
- FN 20



26800B-445

Product ID	Description
26800B-445	DSW-10X Eyepieces - DSZ-70 series bodies

Microscope & Video Accessories

DHW-10X Eyepieces - SPZ series bodies



- Wide field 10x eyepieces
- For SPZ series microscopes
- FN 23

26800B-448

Product ID	Description
26800B-448	DHW-10X Eyepieces - SPZ series bodies

DHW-15X Eyepieces - SPZ series bodies



- Wide field 15x eyepieces
- For SPZ series microscopes
- FN 15

26800B-449

Product ID	Description
26800B-449	DHW-15X Eyepieces - SPZ series bodies

DHW-20X Eyepieces - SPZ series bodies



- Wide field 20x eyepieces
- For SPZ series microscopes
- FN 11.4

26800B-450

Product ID	Description
26800B-450	DHW-20X Eyepieces - SPZ series bodies

Rubber Eye Guards



- Adds comfort
- Manufactured from stretchable rubber material
- Eliminates stray light
- Protects eyepieces

26800B-453

Product ID	Description
26800B-452	Rubber Eye Guards - DSW eyepieces
26800B-453	Rubber Eye Guards - DHW eyepieces

Design Your Own Microscope System

With a large variety of cameras, lighting options, stands and focus mounts, you can create and order your own customized microscope system on www.**AvenTools.com**. If you need help creating a custom system, please call our experienced sales team at **734-973-0099** and let them assist you in creating a tailor made solution that will meet your specific requirements.

Auxiliary Lens 0.5x

- Reduces magnification of DSZ, NSW, SPZH and SPZ series microscopes
- Increases working distance and field of view
- 0.5x lens cannot be used with SPZ series bodies with stand P, PFM, PLED and Stand T and NSW series bodies with Stand T



26800B-461

Product ID	Description
26800B-461	Auxiliary Lens 0.5x

Auxiliary Lens 0.75x

- Reduces magnification of DSZ, NSW, SPZH and SPZ series microscopes
- Increases working distance and field of view



26800B-462

Product ID	Description
26800B-462	Auxiliary Lens 0.75x

Auxiliary Lens 1.6x

- Increases magnification of DSZ, NSW, SPZH and SPZ series microscopes
- Reduces working distance and field of view



26800B-463

Product ID	Description
26800B-463	Auxiliary Lens 1.6x

Auxiliary Lens 2x

- Increases magnification of DSZ, NSW, SPZH and SPZ series microscopes
- Reduces working distance and field of view



26800B-464

Product ID	Description
26800B-464	Auxiliary Lens 2x

Magnifiers

Swing Out Inspection Loupe 10x Hex

- Triplet lens system corrected for spherical and chromatic aberrations
- Produces a sharp and distortion free image
- 10x magnification



26010

Product ID	Description
26010	Swing Out Inspection Loupe 10x Hex

Swing Out Inspection Loupe 10x

- Distortion-free, three-piece bonded lens
- Made from optical glass
- 10x eye loupe with 1" working distance
- Chrome finish loupe easily folds up to protect lens
- Includes leather carrying case



26011

Product ID	Description
26011	Swing Out Inspection Loupe 10x

Swing Out Inspection Loupe 20x

- Distortion-free, three-piece bonded lens
- Made from optical glass
- 20x eye loupe with 1/2" working distance
- Chrome finish loupe easily folds up to protect lens
- Includes leather carrying case

26012

Product ID	Description
26012	Swing Out Inspection Loupe 20x

Magnifier 10x

- Pre-focused dual lenses allow examination of objects close-up
- Transparent acrylic base permits ambient light to illuminate the object
- Powerful 10x magnification
- Ideal for model makers, stamp and coin collectors, and photography

26051

Product ID	Description
26051	Swing Out Inspection Loupe 20x

Magniloupe w/Cushion

- Lightweight glass lens magnifier
- Soft rubber cushion provides comfort
- Powerful magnification
- Excellent for close inspection of small parts
- Ideal for use by jewelers, photographers, watchmakers, printers, and quality control inspectors


26041

Product ID	Description
26041	8x Magniloupe w/Cushion
26042	7x Magniloupe w/Cushion

Eye Loupe 10x

- Lightweight & sturdy glass lens magnifier
- Powerful 10x magnification
- Excellent for close inspection of small parts
- Rests comfortably in the eye socket
- Ideal for use by jewelers, photographers, watchmakers, printers, and quality control inspectors



26034

Product ID	Description
26034	Eye Loupe 10x

Eye Loupe 10x with LED Light

- Lightweight glass lens magnifier
- Powerful 10x magnification
- Excellent for close inspection of small parts
- Adjustable bright LED light
- Ideal for use by jewelers, photographers, watchmakers, printers, and quality control inspectors



26034-LED

Product ID	Description
26034-LED	Eye Loupe 10x with LED Light



User Pairs Mighty Scope with a Low-Tech Companion

Performance matters more than size, as our popular Mighty Scope Digital Microscope shows.
We and our sales representatives hear manufacturing engineers praise the handheld scope's convenience for inline inspection, image and video capture, and monitor viewing via USB or the Wi-Fi model. The latest field report comes from a user who called to describe how he previously used an eye loupe with a scale-measuring reticle for parts check to assure that any defects are within tolerances.
Cleverly, he now pairs a newly purchased Mighty Scope 5M with his original tool to combine the loupe's scale with our instrument for a close-up, measurable view illuminated with six LEDs. The Mighty Scope can capture that combined image for reference and sharing.

Pen Type Microscope 25x w/LED Light

- Perfect "pen-type" microscope with 25x magnification
- Includes pocket clip and a bright LED light
- Beveled opening to gather and focus light
- Provides distortion-free inverted image
- Ideal for inspection in electronics, medical, printing, and jewelry industries



26800C-550

Product ID	Description
26800C-550	Pen Type Microscope 25x w/LED Light

Pen Type Microscope 50x w/LED Light

- Perfect "pen-type" microscope with 50x magnification
- Includes pocket clip and a bright LED light
- Beveled opening to gather and focus light
- Provides distortion-free inverted image
- Ideal for inspection in electronics, medical, printing, and jewelry industries



26800C-551

Product ID	Description
26800C-551	Pen Type Microscope 50x w/LED Light

Pen Type Microscope 25x w/LED Light & Scale

- Perfect "pen-type" microscope with 25x magnification and includes reticle scale
- Includes pocket clip and a bright LED light
- Beveled opening to gather and focus light
- Provides distortion-free inverted image
- Ideal for inspection in electronics, medical, printing, and jewelry industries



26800C-552

Product ID	Description
26800C-552	Pen Type Microscope 25x w/LED Light & Scale

Pen Type Microscope 50x w/LED Light & Scale

- Perfect "pen-type" microscope with 50x magnification and includes reticle scale
- Includes pocket clip and a bright LED light
- Beveled opening to gather and focus light
- Provides distortion free inverted image
- Ideal for inspection in electronics, medical, printing, and jewelry industries



26800C-553

Product ID	Description
26800C-553	Pen Type Microscope 50x w/LED Light & Scale

Pocket Microscope 40x w/ Illumination

- Perfect carry-with microscope with magnification of 40x
- Eyepiece has scale with 0.1mm graduation and a measurement range of 4mm
- Operates on two AA batteries (not included)
- Useful for engineers, tool makers and quality control inspectors



26800C-534

Product ID	Description
26800C-534	Pocket Microscope 40x w/ Illumination

Pocket Microscope 40x w/ LED Illumination

- Perfect carry-with microscope with magnification of 40x
- Eyepiece has scale with 0.05mm graduation and a measurement range of 2mm
- Operates on three AA batteries (not included)
- Useful for engineers, tool makers and quality control inspectors



26800C-541

Product ID	Description
26800C-541	Pocket Microscope 40x w/ LED Illumination

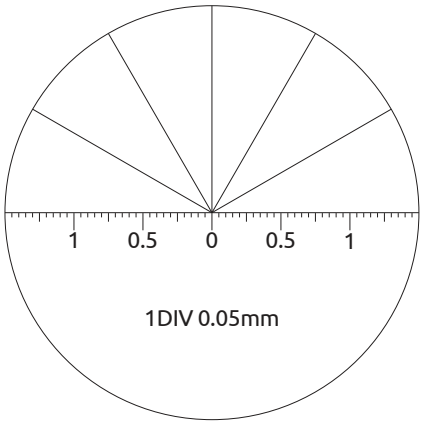
Pocket Microscope 60-100x w/ LED illumination

- Perfect carry-with microscope with magnification of 60-100x
- Focus wheel allows you to quickly focus onto the object being viewed
- Operates on three LR1130 Button Cell batteries (not included)
- Useful for engineers, tool makers and quality control inspectors



26800C-541

Product ID	Description
26800C-541	Pocket Microscope 60-100x w/ LED Illumination



Pen Type Microscope Scale
Etched into the eyepiece with graduations of 0.05mm
26800C-552 & 26800C-553

Magnifiers

OptiVisor Headband Magnifiers

- Optical glass prismatic lenses ground and polished to precision optical standards
- Adjustable pivots allow the visor to be tilted out of the way when not needed and at your fingertips when you need magnification
- Adjusts to fit all head sizes
- High impact visor provides a tough, durable, always-new appearance
- Padded orthopedic felt adds to comfort



26101

Product ID	Description
26101	OptiVisor Headband Magnifier - 1.5x
26102	OptiVisor Headband Magnifier - 1.75x
26103	OptiVisor Headband Magnifier - 2x
26104	OptiVisor Headband Magnifier - 2.5x
26105	OptiVisor Headband Magnifier - 2.75x
26106	OptiVisor Headband Magnifier - 3.5x

OptiVisor Replacement Lenses

- 1.5x - 3.5x Replacement Lenses
- Optical glass prismatic lenses ground and polished to precision optical standards
- Replacement Lens for Optivisor Headband Magnifier



26107

Product ID	Description
26107	Replacement Lens #2 - 1.5x
26108	Replacement Lens #3 - 1.75x
26109	Replacement Lens #4 - 2x
26110	Replacement Lens #5 - 2.5x
26111	Replacement Lens #7 - 2.75x
26112	Replacement Lens #10 - 3.5x

OptiVisor Auxiliary Lens - 2.5x

- Attaches to the front of Optivisor headband magnifier
- Mounts on one side of the lens plate to provides an additional 2-1/2X magnification
- Pivots out of the way when not needed



26113

Product ID	Description
26113	OptiVisor Auxiliary Lens - 2.5x

Headband Magnifier with LED Light

- Excellent for quality control inspection
- Removable LED lamp can be used as a free standing light source
- Includes four clip-on lenses (1.5x, 2x, 2.5x, and 3x)
- Headband is adjustable to fit all sizes
- Ideal for close up inspection of small parts



26221

Product ID	Description
26221	Headband Magnifier with LED Light

OptiSight Headband Magnifier

- Visor can be worn comfortably over prescription or safety glasses
- Durable high-strength plastic
- Interchangeable lenses 1.75x, 2x, 2.5x
- Visor design shields out unwanted glare
- Precision optical grade acrylic prismatic lens.



26224

Product ID	Description
26224	OptiSight Headband Magnifier

OptiVue Headband Magnifier - 2.5x

- Provides hands-free magnification
- Visor tilts up for normal viewing
- Includes 2.5x crystal clear acrylic lens
- Adjustable headband fits any size



26225

Product ID	Description
26225	OptiVue Headband Magnifier - 2.5x

Register online to receive updates on the newest products and for the latest specials from Aven

Magnifying Lamps

ProVue SuperSlim Magnifying Lamp

26501-LED



- Available in two configurations: 5-Diopter (2.25x) and 8-Diopter (3x magnifcation)
- 5" crystal clear glass lens for 360° distortion-free viewing
- 36" spring balanced arm stays set in any position
- Heavy duty mounting clamp with 63.5mm (2.5") opening
- Fluorescent model features 22 Watt bulb operating at 6400k
- LED models feature 60 high powered energy efficient SMD LEDs lights that provide shadow free illumination
- LED lights are rated for over 20,000 hours of use
- Unit operates at 115 VAC

Product ID	Description	Lighting	Magnification
26501-SIV	ProVue Magnifying Lamp	22W fluorescent	2.25x (5 diopter)
26501-LED	ProVue LED Magnifying Lamp	60 SMD LED	2.25x (5 diopter)
26501-LED-8D	ProVue LED Magnifying Lamp	60 SMD LED	3x (3 diopter)

ProVue SuperSlim LED Magnifying Lamp with Rolling Stand



- Same features as Aven 26501-LED except mounted on our heavy duty floor stand with casters

26501-LED-STN

Product ID	Description
26501-LED-STN	ProVue SuperSlim LED Magnifying Lamp with Rolling Stand

22-watt Replacement Bulb Fir 26501-SIV ProVue SuperSlim

26501-SIV-T5



- Replacement bulb for 26501-SIV
- Universal standard fluorescent light
- Energy-efficient
- Rated lifetime of 12,000 hours

Product ID	Description
26501-SIV-T5	22-watt Replacement Bulb for 26501-SIV ProVue SuperSlim

ProVue Solas Magnifying Lamps

26501-XL35



- Designed to accomodate multiple lenses
- Two models available
- 5" crystal clear glass lens for 360° distortion-free viewing
- 36" spring balanced arm stays set in any position
- Heavy duty mounting clamp with 63.5mm (2.5") opening
- LED models feature 60 high-powered, energy-efficient SMD LEDs that provide shadow-free illumination
- Adjustable LEDs are rated for over 20,000 hours of use

Product ID	Description
26501-XL35	ProVue Solas Magnifying Lamp with Interchangable 5-Diopter Lens (2.25x)
26501-XL58	ProVue Solas Magnifying Lamp with Interchangable 8-Diopter Lens (3x)
26501-RL3D	ProVue Solas 3 Diopter Replacement Lens (1.75x) for 26501-XL35
26501-RL5D	ProVue Solas 5 Diopter Replaement Lens (2.25x) for 26501-XL35 AND 26501-XL58
26501-RL8D	ProVue Solas 8 Diopter Replacement Lens (3x) for 26501-XL58

ProVue Deluxe LED Magnifying Lamp

26501-DSG-LED



- 72 energy-efficient SMD LEDs
- 5 diopter glass lens
- 36" frinction arm - no springs, no pinch hazards
- Beautifully constructed aluminium design
- Built-in brightness control
- 3 locking joints help lamp stay in place in any position
- Minimum LED lifetime of 20,000 hours

Product ID	Description
26501-DSG-LED	ProVue Deluxe LED Magnifying Lamp

Auxiliary Lens - 3 Diopter (1.75x)

26501-AL3



- Provides additional magnification
- 3.875" 1.75x (3 diopter) auxiliary lens
- Designed to attach to bottom of Aven 26501-DSG-LED magnifying lamp

Product ID	Description
26501-AL3	Auxiliary Lens - 3 Diopter (1.75x)

Need a Product Demonstration?

Request one at www.AvenTools.com

Magnifying Lamps

ProVue Replacement Clamp


26501-RC

- Heavy duty metal mounting clamp with 63.5mm (2.5") opening
- Mounts easily to desk or table top
- Fits ProVue Magnifying Lamps

Product ID	Description
26501-RC	ProVue Replacement Clamp

ProVue Touch Magnifying Lamp with LED Illumination


26508-LED

- 54 powerful, energy-efficient white SMD LEDs provide shadow-free illumination
- SMD technology ensures reliabilty and long life
- Large 7" crystal clear 1.75x (3 diopter) round glass lens with protective cover
- Touch sensitive 3-stage on/off switch to controlling light intensity
- Rugged ABS plastic housing attached to a 35" industrial grade spring balanced arm for precise positioning
- Lens can be easily replaced if necessary
- Built-in metal handles for quick and easy positioning
- Heavy duty metal mounting clamp with 89mm (3.5") opening
- LED lights are rated for over 20,000 hours of use
- Unit operates at 115 to 240wv VAC

Product ID	Description
26508-LED	ProVue Touch Magnifying Lamp with LED Illumination

ProVue Touch White & UV LED Magnifying Lamp


26508-LDV

- Dual lighting provides 54 powerful, energy-saving white SMD LEDs and 48 SMD UV LEDs (400nm)
- UV lighting ideal for forensic analysis, counterfit inspection and detection of fluoresces in adhesives, laminates and conformal coating
- SMD technology ensures reliabilty and long life
- Large 7" crystal clear 1.75x (3 diopter) glass lens with protective cover
- Touch sensitive 3-stage on/off switch for controlling light intensity
- Rugged ABS plastic housing attached to a 35" industrial-grade spring balanced arm for precise positioning
- Lens can be easily replaced if necessary
- Built-in metal grips for quick and easy positioning
- Heavy duty metal mounting clamp with 89mm (3.5") opening
- LED lights are rated for over 20,000 hours of use
- Unit operates at 115 to 240 VAC

Product ID	Description
26508-LDV	ProVue Touch White & UV LED Magnifying Lamp

OptiVue 5 Diopter LED Magnifying Desk Lamp


26507-XL5

- 11" flexible gooseneck arm
- 4" 5 diopter glass lens
- 36 high-intensity energy-saving SMD LEDs

Product ID	Description
26507-XL5	OptiVue 5 Diopter LED Magnifying Desk Lamp

Mighty Vue Pro 3 Diopter Magnifying Lamp with Color Temperature Controls


26505-LED-XL3

- Large 7" x 6" lens, 3 diopter
- 36" spring balanced arm stays put in any position
- Heavy duty ESD safe metal mounting clamp with 63.5mm (2.5") opening
- Color temperature ranges from 3500K-6500K
- Feature 60 high-powered, energy-efficient SMD LEDs (30 per color temperature) that provide shadow-free illumination
- LEDs are rated for over 20,000 hours of use
- Features brightness adjustment (max: 1100lm)
- Unit operates at 115 VAC

Product ID	Description
26505-LED-XL3	Mighty Vue Pro 3 Diopter Magnifying Lamp with Color Temperature Controls

Mighty Vue Pro 5 Diopter Magnifying Lamp with Color Temperature Controls - ESD Safe

26505-ESL-XL5



- Large 7"x6" lens
- Durable ESD safe plastic housing
- 36" spring balanced arm stays put in any position
- Heavy duty ESD safe metal mounting clamp with 63.5mm (2.5") opening
- Color temperature ranges from 3500K-6500K
- Features 60 high-powered energy-efficient SMD LEDs (30 per color temperature) that provide shadow-free illumination
- LEDs are rated for over 20,000 hours of use
- Features brightness adjustment (max: 1100lm)
- Unit operates at 115 VAC

Product ID	Description
26505-ESL-XL5	Mighty Vue Pro 5 Diopter magnifying Lamp with Color Temperature Controls - ESD Safe

Magnifying Lamps

Mighty Vue Pro Magnifying Lamp - 5 Diopter


26505-DSG-LED

- Durable aluminium construction
- Touch-sensitive brightness control with 5 color-coded settings
- 36" friction arm stays set in any position
- 7" 5 diopter round glass lens (2.25x magnification)
- High-intensity energy-saving LEDs provide cool operating temperature
- Exceptionally long LED element life (minimum 20,000 hours)
- Ideal for assembly, workshop or inspection applications
- Mounting clamp allows for easy attachment to desk and bench tops, or mount directly to your work surface

Product ID	Description
26505-DSG-LED	Mighty Vue Pro Magnifying Lamp (5 diopter)

Replacement Clamp
for ProVue Deluxe and Mighty Vue Deluxe Magnifying Lamps


26501-DSG-CL

- Replacement table clamp for Aven's ProVue Deluxe and Mighty Vue Deluxe Magnifying Lamps
- Secures to the side of any work bench (up to 1.5 in width)
- Heavy duty aluminum construction
- Includes 4 mounting screws

Product ID	Description
26501-DSG-CL	Replacement Clamp for ProVue Deluxe & Mighty Vue Deluxe

In-X® Interchangeable Magnifying Lamp with 5 Diopter Lens

- Interchangeable lenses: no need to keep multiple magnifying lamps on hand
- Easy lens exchange: no tools required
- Lamp includes a 5 diopter interchangeable glass lens
- Capable of a magnification of 2.25x – 4.75x with the optional lenses
- Fully enclosed spring balanced arm prevents pinching hazards
- Rotatable lamp head: can be positioned to nearly any angle
- Ultra-bright LEDs with brightness intensity adjustment

Replacement Clamp
for Mighty Vue Pro 26505-ESL-XL5


26505-RC-ESD

- Replacement table clamp for Aven's Mighty Vue Pro 26505-ESL-XL5 Magnifying Lamp
- Effortlessly mounts to a desk or table top

Product ID	Description
26505-RC-ESD	Replacement Clamp for Mighty Vue Pro 26505-ESL-XL5

Floor Stand Heavy Duty with Castors


26509-STN

- 5 full swivel castors for easy mobility
- Designed for durability
- Easy to clean; no maintenance required
- Provides full mobility for magnifying lamp applications in beauty salons, the medical field, electronics repair, dental clinics, industrial inspection, scientific research laboratories and even at home
- Works with ProVue SuperSlim Magnifying Lamps

Product ID	Description
26509-STN	Floor Stand Heavy Duty with Castors


26501-LED-INX

Product ID	Description	Diopter	Magnification	Availability
26501-LED-INX	In-X Interchangeable Magnifying Lamp with 5 Diopter Lens	5	2.25x	Included with lamp
26501-INX-RL5D	5 Diopter Interchangeable Lens for In-X Magnifying Lamps	8	3x	Sold separately
26501-INX-RL8D	8 Diopter Interchangeable Lens for In-X Magnifying Lamps	12	4x	Sold separately
26501-INX-RL12D	12 Diopter Interchangeable Lens for In-X Magnifying Lamps	15	4.75x	Sold separately

Task Lights & Accessories

Sirrus Task Light LED w/ Swivel Head, 500mm Flex Arm & Mounting Clamp


26526

- 500mm flexible arm stays set in any position to provide direct light where needed
- High-intensity energy-efficient LEDs
- Cool operating temperature
- Exceptionally long LED element life (minimum 20,000 hours)
- Ideal for assembly, workshop or office applications

Product ID	Description
26526	Sirrus Task Light LED w/ Swivel Head 500mm Flex Arm & Mounting Clamp

Sirrus Task Light LED High Intensity Fixed Focus with 500mm Flex Arm and Mounting Clamp


26527

- 500mm flexible arm stays set in any position to provide direct light where needed
- High-intensity energy-efficient LED
- Cool operating temperature
- Exceptionally long LED element life (minimum 20,000 hours)
- Ideal for assembly, workshop or office applications

Product ID	Description
26527	Sirrus Task Light LED High Intensity Fixed Focus with 500mm Flex Arm and Mounting Clamp

Sirrus LED Lamp w/ Aluminum Head, 500mm Flex Arm & Mounting Clamp


26528

- 500mm flexible arm stays set in any position to provide direct light where needed
- High-intensity energy-saving LEDs
- Cool operating temperature
- Exceptionally long LED element life (minimum 20,000 hours)
- Ideal for assembly, workshop or office applications

Product ID	Description
26528	Sirrus LED Task Lamp w/ Aluminum Head, 500mm Flex Arm & Mounting Clamp

Sirrus Magnetic Base


26520-MB

- Magnetic Base for Sirus LED task lights 26526, 26527, 26528
- Four screw holes provided to allow you to screw the task light to the base
- Allows for secure yet mobile placement on magnetic surfaces

Product ID	Description
26520-MB	Sirrus Magnetic Base for Task Lights

LED Dual Gooseneck Spotlight Illuminator


26200B-211

- Ideal external light source for high-magnification inspection systems
- Provides bright, even lighting
- Versatile, adjustable illumination at any angle
- 6500K cool light LED illuminator
- Add illumination to difficult to reach areas
- 23-3/8" (568mm/each) long dual gooseneck lights
- Metal framework intensity control box with light adjustment knobs for each light
- UV Dual Gooseneck Illuminators sold separately

Product ID	Description
26200B-221	LED Dual Gooseneck Spotlight Illuminator
26200B-221-GNUV	395 NM Ultra Violet Flexible Gooseneck for LED Dual Gooseneck Spotlight Illuminator
26200B-221-GNLED	Replacement Gooseneck for LED Dual Gooseneck Spotlight Illuminator

Neo Light Dual Color LED Task Light with Table Base


26536

- Dual color temperature control provides illumination options
- Tiltable lamp head provides nearly limitless angle options
- Easy brightness/color temperature control with micro-touch buttons
- Fully covered, 24" adjustable spring balanced arm designed to be positioned for short and extended reaches
- Includes a 10lb table base

Product ID	Description
26536	Neo Light Dual Color LED Task Light with Table Base

Neo Light Dual Color LED Task Light with Table Clamp


26535

- Dual color temperature control provides illumination options
- Tiltable lamp head provides nearly limitless angle options
- Easy brightness/color temperature control with micro-touch buttons
- Fully covered, 34" adjustable spring balanced arm designed to be positioned for short and extended reaches
- Includes a table clamp with 2.5" opening

Product ID	Description
26535	Neo Light Dual Color LED Task Light with Table Clamp

Hand Tools

Ceramic Alignment Screwdrivers

- Anti-static, non-magnetic, non-inductive heat-resistant ceramic tips
- Heat resistant up to 1292°F (700°C)
- Blades made from Zirconia ceramic
- Outlasts metal or plastic tip tools
- No eddy current loss in high frequency

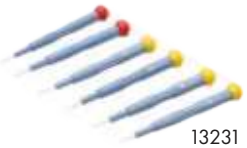


13225

Product ID	Description	Blade	Size
13220	Ceramic Alignment Screwdriver	Phillips	PH1.7
13221	Ceramic Alignment Screwdriver	Slotted	1.3 mm
13222	Ceramic Alignment Screwdriver	Slotted	2.6mm
13224	Ceramic Alignment Screwdriver	Slotted	0.9mm
13225	Ceramic Alignment Screwdriver	Slotted	1.8mm
13230	Ceramic Alignment Screwdriver 4-in-1	Phillips & Slotted	Phillips 0 & 1.7 Slotted 1.8 & 0.9mm

Ceramic Alignment Screwdriver - 6 Piece Set

- Anti-static, non-magnetic, non-inductive heat-resistant ceramic tips
- Heat resistant up to 1292°F (700°C)
- Blades made from Zirconia ceramic
- Outlasts metal or plastic tip tools
- No eddy current loss in high frequency

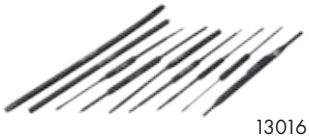


13231

Product ID	Description
13231	Ceramic Alignment Screwdriver - 6-Piece Set

9-Piece Anti-Static Alignmnet Tool Kit

- Anti-static
- Designed for adjusting and aligning conventional components
- Includes 9 popular alignment tools



13016

Product ID	Description
13016	9-Piece Anti-Static Alignment Tool Kit

Precision Screwdrivers - 8-Piece Set

- Ergonomically designed handle with swivel head cap for precise control and comfort
- Two component handle provides soft touch and non slip surface and is oil and solvent resistant
- Blade made from high grade alloy steel
- Supplied in a handy plastic case for secure storage

13715



Product ID	Description
13715	Precision Screwdrivers - 8-Piece Set

Precision Screwdrivers - 7-Piece Set

- Chrome Vanadium steel with satin finish and black tips
- Duplex Component handle is designed for rapid rotation and control
- Fast turning swivel caps
- Imprinted sizes on handle for easy selection
- 50mm Blade Length

13940



Product ID	Description
13940	Precision Screwdrivers - 7-Piece Set

Aven Precision Screwdrivers

- Precisely machined hardened black tips for durability and exact fit
- Screwdriver blades manufactured from chrome-molybdenum steel for extra strength
- Ergonomically designed bi-component handle with swivel cap for extra comfort and grip



13901

Product ID	Description	Blade	Size	Tip Length	Length
13901	Precision Screwdriver	Slotted	1.6mm	50mm	150mm
13902	Precision Screwdriver	Slotted	2.0mm	50mm	150mm
13903	Precision Screwdriver	Slotted	2.4mm	50mm	150mm
13904	Precision Screwdriver	Slotted	3.0mm	50mm	150mm
13906	Precision Screwdriver	Slotted	3.0mm	100mm	200mm
13910	Precision Screwdriver	Phillips	No. 000	50mm	150mm
13911	Precision Screwdriver	Phillips	No. 00	50mm	150mm
13913	Precision Screwdriver	Phillips	No. 1	50mm	150mm
13915	Precision Screwdriver	Phillips	No. 1	100mm	200mm
13923	Precision Screwdriver	Torx	T8	50mm	150mm
13930	Precision Nutdriver	-	M3.0	72mm	172mm
13932	Precision Nutdriver	-	M4.0	72mm	172mm
13933	Precision Nutdriver	-	M4.5	72mm	172mm

8-Piece Reversible Screwdriver Set

- Ergonomically designed handle with swivel head cap for precise control and comfort
- Two component handle provides soft touch and non slip surface and is oil and solvent resistant
- Blade made from high grade alloy steel
- Supplied in a handy plastic case for secure storage

13941



Product ID	Description
13941	Precision Screwdrivers - 8-Piece Set

Stainless Steel Hand Tools

Adjustable Wrench - Stainless Steel


21190-6

- Manufactured from 304 series stainless steel
- Mirror polished to provide excellent rust resistance
- Handle hole for tethering, hanging or storage
- Can be autoclaved to temperatures up to 250-degrees Fahrenheit

Product ID	Description
21190-6	Adjustable Wrench 6" Stainless Steel
21190-8	Adjustable Wrench 8" Stainless Steel
21190-10	Adjustable Wrench 10" Stainless Steel
21190-12	Adjustable Wrench 12" Stainless Steel

Adjustable Wrench - Stainless Steel w/ PVC Grip


21190-10G

- Manufactured from 304 series stainless steel
- Mirror polished to provide excellent rust resistance
- Handle hole for tethering, hanging or storage

Product ID	Description
21190-6G	Adjustable Wrench Stainless Steel 6" w/ PVC Grip
21190-8G	Adjustable Wrench Stainless Steel 8" w/ PVC Grip
21190-10G	Adjustable Wrench Stainless Steel 10" w/ PVC Grip
21190-12G	Adjustable Wrench Stainless Steel 12" w/ PVC Grip

Combination Wrench - Stainless Steel


21187-0516

- Manufactured from 304 series stainless steel
- Can be autoclaved to temperatures up to 250-degrees Fahrenheit
- Rust resistant, can help eliminate risk of ferrous contamination

Product ID	Description
21187-0516	Combination Wrench Stainless Steel 5/16"
21187-0308	Combination Wrench Stainless Steel 3/8"
21187-0716	Combination Wrench Stainless Steel 7/16"
21187-0102	Combination Wrench Stainless Steel 1/2"
21187-0916	Combination Wrench Stainless Steel 9/16"
21187-0508	Combination Wrench Stainless Steel 5/8"

Combination Wrenches - Stainless Steel 6-Piece Set


21187-105

- Made from 304 series stainless steel
- Can be autoclaved to temperatures up to 250-degrees Fahrenheit
- Rust resistant, can help eliminate risk of ferrous contamination
- Includes handy roll up plastic pouch

Product ID	Description
21187-105	Combination Wrenches Stainless Steel 6-Piece Set

Diagonal Cutter - Stainless Steel 6"


10355

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Oval head designed for greater access in confined spaces
- Beveled cutting edge is hardened for long lasting performance
- Can be autoclaved to temperatures up to 250-degrees Fahrenheit

Product ID	Description
10355	Diagonal Cutter - Stainless Steel 6"

Diagonal Cutter w/ Comfort Grip Handles 6"


10355-ER

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Oval head designed for greater access in confined spaces
- Beveled cutting edge is hardened for long lasting performance
- Ergonomically designed grips for extra comfort

Product ID	Description
10355-ER	Diagonal Cutter w/ Comfort Grip Handles 6"

Diagonal Cutter "High Leverage" Stainless Steel 7"


10356

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Provides more cutting power than general purpose pliers
- Beveled cutting edge is hardened for long lasting performance
- Can be autoclaved to temperatures up to 250-degrees Fahrenheit

Product ID	Description
10356	Diagonal Cutter "High Leverage" Stainless Steel 7"

Stainless Steel Hand Tools

Flat Nose Parallel Action Pliers 6.75"


10766

- Serrated Jaws with V-Slot for holding wire
- Grip remains consistently parallel along full length of jaw when open or closed
- Compound lever action with no spring
- Built-in wire cutter cuts soft wire up to 4mm (0.16")

Product ID	Description
10766	Flat Nose Parallel Action Pliers 6.75"

Groove Joint Pliers Stainless Steel 9.5"


10365

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Slip-resistant tongue and groove design used for grasping and turning
- Serrated jaws with four adjustable positions
- Can be autoclaved to temperatures up to 250-degrees Fahrenheit

Product ID	Description
10365	Groove Joint Pliers Stainless Steel 9.5"

Combination Pliers Stainless Steel 8"


10351

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Tapered head design allows for greater access in confined spaces
- Designed for gripping and turning round objects such as pipes, rods and pins
- Serrated jaws with machined gripping teeth and wire cutter

Product ID	Description
10351	Combination Pliers Stainless Steel 8"

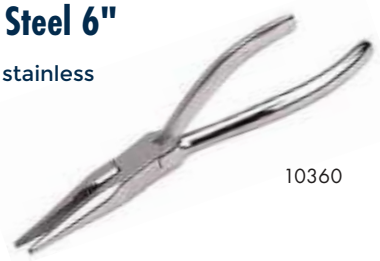
Combination Pliers w/ Plastic Grips 8"


10351-P

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Tapered head design allows for greater access in confined spaces
- Designed for gripping and turning round objects such as pipes, rods and pins
- Serrated jaws with machined gripping teeth and wire cutter

Product ID	Description
10351-P	Combination Pliers w/ Plastic Grips 8"

Long Nose Pliers Stainless Steel 6"


10360

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Tapered head design allows for greater access in confined spaces
- Designed for gripping and turning round objects such as pipes, rods and pins
- Serrated jaws with machined gripping teeth and wire cutter

Product ID	Description
10360	Long Nose Pliers Stainless Steel 6"

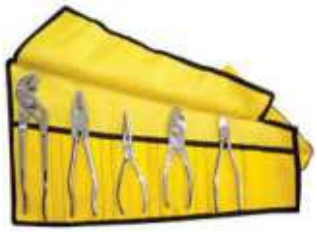
Long Nose Pliers w/ Comfort Grip Handles 6"


10360-ER

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- Length and slim design are ideal for tight spaces
- Ergonomically designed grips for extra comfort

Product ID	Description
10360-ER	Long Nose Pliers w/ Comfort Grip Stainless Steel 6"

Pliers Set Stainless Steel


10381

- Mirror polished stainless steel provides excellent corrosion resistance
- Packaged in a leatherette roll-up pouch
- Set includes: 6" long-nose pliers, 6" slip-joint pliers, 6" wire-cutting pliers, 9-1/2" groove-joint pliers with flat jaws, and an 8" combination plier

Product ID	Description
10381	Pliers Set Stainless Steel

Slip Joint Pliers Stainless Steel 6.5"


10370

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- All purpose pliers with serrated jaws, built-in wire cutter and pipe grip

Product ID	Description
10370	Slip Joint Pliers Stainless Steel 6.5"

Stainless Steel Hand Tools

Slip Joint Pliers w/ Plastic Grips 6.5"



10370-P

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent rust resistance
- All purpose pliers with serrated jaws, built-in wire cutter and pipe grip
- Plastic grips provide extra comfort

Product ID	Description
10370-P	Slip Joint Pliers w/ Plastic Grips 6.5"

Locking Pliers Stainless Steel 7"



10375

- Body and springs made from 304 non-magnetic stainless steel
- Jaws are made from 420-series stainless steel
- Fully polished to provide excellent rust resistance
- Smooth gliding locking mechanism enables easy one-handed operation
- Trigger release handles and easy turning pressure adjusting screw

Product ID	Description
10375	Locking Pliers Stainless Steel 7"

Locking Pliers Stainless Steel 9"



10376

- Body and springs made from 304 non-magnetic stainless steel
- Jaws are made from 420-series stainless steel
- Fully polished to provide excellent rust resistance
- Smooth gliding locking mechanism enables easy one-handed operation
- Trigger release handles and easy turning pressure adjusting screw

Product ID	Description
10376	Locking Pliers Stainless Steel 9"

Locking Pliers, Long Nose, Stainless Steel 6"



10376

- Fully polished stainless steel provides excellent corrosion resistance
- Smooth gliding locking mechanism enables easy one-handed operation
- Long thin nose is ideal for accessing tight spaces
- Trigger release handles and easy turning pressure adjusting screw

Product ID	Description
10377	Locking Pliers, Long Nose, Stainless Steel 6"

Crimping Tools & Dies

Crimping Tool for Wire Ferrules 12-22 AWG

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- For wire ferrules 12-22AWG
- Exchange crimp dies by hand, no tools required


10178

Product ID	Description	Jaw	AWG	DIN
10178	Crimping Tool for Wire Ferrules 12-22AWG	D	22/20/18/16/14/12	0.5, 0.75,1.0,1.5,2.5,4.0 MM2

Crimping Tool for Wire Ferrules 6-10 AWG

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- For wire ferrules 6-10AWG
- Exchange crimp dies by hand, no tools required


10179

Product ID	Description	Jaw	AWG	DIN
10179	Crimping Tool for Wire Ferrules 6-10AWG	F	10/8/6	6/10/16 MM2

Crimping Tool for Wire Ferrules AWG 4 & 2 (25 & 35mm2)

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- For wire ferrules AWG 4 & 2
- Exchange crimp dies by hand, no tools required


10187

Product ID	Description	Jaw	AWG	DIN
10187	Crimping Tool for Wire Ferrules AWG 4 & 2	F1	4 & 2 (25 & 35mm2)	25/35 MM2

Crimping Tool for Insulated Terminals 22-18/16-14/12-10 AWG

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- For wire ferrules 22-18/16-14/12-10 AWG
- Exchange crimp dies by hand, no tools required


10188

Product ID	Description	Jaw	AWG	DIN
10188	Crimping Tool for Wire Ferrules 22-18/16-14/12-10AWG	A	22-18/6-14/12-10	0.5-1.0/1.5-2.5/4-6 MM2

Crimping Tool for Miniature Insulated Terminals 26-22/24-18/22-16 AWG

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- For wire ferrules 26-22/24-18/22-16 AWG
- Exchange crimp dies by hand, no tools required


10189

Product ID	Description	Jaw	AWG	DIN
10189	Crimping Tool for Miniature Insulated Terminals 26-22/24-18/22-16 AWG	A3	26-22/24-18/22-16	0.1-0.5/0.25-1.0/0.5-1.5 MM2

Crimping Tool for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- For wire ferrules 22-18/16-14/12-10/8 AWG
- Exchange crimp dies by hand, no tools required


10190

Product ID	Description	Jaw	AWG	DIN
10190	Crimping Tool for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG	A1	22-18/16-14/12-10/8	0.5-1.0/1.5-2.5/4-6/10 mm

Crimping Tool Frame

- Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- Frame for all Aven Replacement Crimping Tool Dies
- Exchange crimp dies by hand, no tools required
- Replacement Dies sold separately


10195

Product ID	Description
10195	Crimping Tool Frame

Crimping Die D for Cord End Terminals 22/20/18/16/14/12 AWG

- Interchangeable hardened steel dies for Aven Crimping Tools only
- Dies are quickly replaced by hand, no tools required


10178DS

Product ID	Description	Jaw	AWG	DIN
10178DS	Crimping Die D for Cord End Terminals 22/20/18/16/14/12 AWG	D	22/20/18/16/14/12	0.5, 0.75,1.0,1.5,2.5,4.0 MM2

Crimping Tools & Dies

AVEN Tools for Advancing Innovation™

Crimping Die F

AWG: 10/8/6, DIN: 6/10/16 MM2 22/20/18/16/14/12 AWG

- Interchangeable hardened steel dies for Aven Crimping Tools only
- Dies are quickly replaced by hand, no tools required



10179DS

Product ID	Description	Jaw	AWG	DIN
10179DS	Crimping Die F AWG: 10/8/6, DIN: 6/10/16 MM2	F	10/8/6	6/10/16 MM2

Crimping Die F1

For Insulated Cord Terminals 4/2

- Interchangeable hardened steel dies for Aven Crimping Tools only
- Dies are quickly replaced by hand, no tools required



10187D

Product ID	Description	Jaw	AWG	DIN
10187D	Crimping Die F1, for Insulated Cord Terminals 4/2	F1	4 & 2	25/35 MM2

Crimping Die A

For Insulated End Terminals 22-18/16-14/12-10 AWG

- Interchangeable hardened steel dies for Aven Crimping Tools only
- Dies are quickly replaced by hand, no tools required



10188D

Product ID	Description	Jaw	AWG
10188D	Crimping Die A for Insulated End Terminals 22-18/16-14/12-10 AWG	A	22-18/16-14/12-10

Crimping Die A3

for Miniature Insulated Terminals 26-22/24-18/22-16 AWG

- Interchangeable hardened steel dies for Aven Crimping Tools only
- Dies are quickly replaced by hand, no tools required



10189D

Product ID	Description	Jaw	AWG	DIN
10189D	Crimping Die A3 for Miniature Insulated Terminals 26-22/24-18/22-16 AWG	A3	26-22/24-18/22-16	0.1-0.5/0.25-1/0.5-1.5mm2

Crimping Die A1

for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG

- Interchangeable hardened steel dies for Aven Crimping Tools only
- Dies are quickly replaced by hand, no tools required



10190D

Product ID	Description	Jaw	AWG
10190D	Crimping Die A1 for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG	A1	22-18/16-14/12-10/8

Crimping Tool

for Connectors 2.5mm-5mm

- Crimps over 80 different connectors onto 28 to 18 AWG wire
- Crimps micro connectors from 2.5 to 5 mm
- Joint set screw prevents tool from becoming loose at the joint and allows for easy maintenance



10141

Product ID	Description	AWG
10141	Crimping Tool for Connectors 2.5mm-5mm	28-18

Crimping Tool

for RJ11 & RJ45 Modular Plugs

- Built-in ratchet applies correct pressure to ensure complete crimp
- Lightweight frame made from steel, compact and durable
- Cut and strip wire in one easy operation, easy and efficient
- Crimps RJ-11 and RJ-45 modular plugs



10182

Product ID	Description
10141	Crimping Tool for RJ11 & RJ45 Modular Plugs

See Our Crimping Tutorial

"How to use AVEN Crimp Tools"

at www.AvenTools.com

Scissors

5" Electrician Scissor

- Fully polished stainless steel provides excellent corrosion resistance
- Scraper and file on back edge of the blade
- Notched to strip 23-19 AWG wire



11012

Product ID	Description
11012	5" Electrician Scissor

4-1/2" Slim Blade Straight Scissor

- Fully polished stainless steel provides excellent corrosion resistance
- Precision scissor for general use and cutting fine wire
- 1-1/4" durable stainless steel blade



11014

Product ID	Description
11014	4-1/2" Slim Blade Staight Scissor

4-1/2" Precision Scissor

- Fully polished stainless steel provides excellent corrosion resistance
- Fine beaks for precise and delicate work
- 1-3/8" durable stainless steel blade



11016

Product ID	Description
11016	4-1/2" Precision Scissor

8" All Purpose Standard Scissor

- Fully polished stainless steel provides excellent corrosion resistance
- 3-3/4" durable stainless steel blade



11023

Product ID	Description
11023	8" All Purpose Standard Scissor

Probes

Probe Straight Needle Point

- Made from 400 series stainless steel
- Sharp tip for precision work around delicate circuits and components
- Eight sided handle to ensure grip and prevent rolling



20031

Product ID	Description
20031	Probe Straight Needle Point

Probe Bent Needle Point

- Made from 400 series stainless steel
- Sharp tip for precision work around delicate circuits and components
- Eight sided handle to ensure grip and prevent rolling



20032

Product ID	Description
20032	Probe Bent Needle Point

Probe Curved Needle Point

- Made from 400 series stainless steel
- Sharp tip for precision work around delicate circuits and components
- Eight sided handle to ensure grip and prevent rolling



20034

Product ID	Description
20034	Probe Curved Needle Point

Probe Double Sided Scraper Bent Tips

- Made from 400 series stainless steel
- Sharp tip for precision work around delicate circuits and components



20035

Product ID	Description
20035	Probe Double Sided Scraper Bent Tips

Probe Double End Bent/Curved

- Made from 400 series stainless steel
- Sharp tip for precision work around delicate circuits and components



20039

Product ID	Description
20039	Probe Double End Bent/Curved

Stainless Steel Probe 4-Piece Set

- Made from 400 series stainless steel
- Sharp tip for precision work around delicate circuits and components
- Set of four contains: Straight, Bent, Curved and Angled Models



20210

Product ID	Description
20210	Stainless Steel Probe 4-Piece Set

Hemostats

Alligator Clamp

- Serrated jaws for secure grip
- Angled to provide maximum view
- Stainless steel construction
- Designed to securely retrieve and hold small parts



12201

Product ID	Description	Jaw Length	Opening
12201	Alligator Clamp 3.5"	0.5"	0.25"
12202	Alligator Clamp 5.5"	0.5"	0.25"

Hemostat - Straight

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent corrosion resistance
- Serrated jaws hold objects firmly without cutting them
- Designed for intricate work in tight spaces
- Ratchet lock in handle allows varying gripping pressure

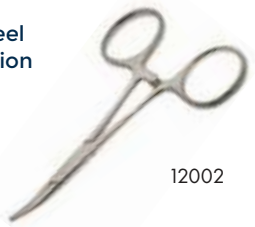


12001

Product ID	Description	Jaw Length
12001	Hemostat - Straight | 3.5in	20mm
12015	Hemostat - Straight | 5in	25.4mm
12011	Hemostat - Straight | 5in w/Plastic Coated Handle	25.4mm
12017	Hemostat - Straight | 6in	31.75mm
12013	Hemostat - Straight | 6in w/Plastic Coated Handle	31.75mm
12019	Hemostat - Straight | 8in	60mm
12021	Hemostat - Straight | 16in	127mm
12030	Hemostat - Straight | 18in	139mm
12032	Hemostat - Straight | 24in	155mm

Hemostat - Curved

- Manufactured from 400 series stainless steel
- Mirror polished to provide excellent corrosion resistance
- Serrated jaws hold objects firmly without cutting them
- Designed for intricate work in tight spaces
- Ratchet lock in handle allows varying gripping pressure



12002

Product ID	Description	Jaw Length
12002	Hemostat - Curved | 3.5in	20mm
12016	Hemostat - Curved | 5in	25.4mm
12012	Hemostat - Curved | 5in w/Plastic Coated Handle	25.4mm
12018	Hemostat - Curved | 6in	31.75mm
12014	Hemostat - Curved | 6in w/Plastic Coated Handle	31.75mm
12020	Hemostat - Curved | 8in	60mm
12022	Hemostat - Curved | 16in	127mm
12031	Hemostat - Curved | 18in	139mm
12033	Hemostat - Curved | 24in	155mm

Did you know Aven offers a **limited lifetime warranty** on all hand tools? Visit www.AvenTools.com for more information.

Knives & Blades

Technik K-18 Grip-On Non-Roll Soft Handle Knife

- 5-inch comfortable soft grip handle
- Four jaw machined aluminum chuck for secure blade positioning
- Includes a super sharp #11 blade and clear plastic safety cap
- Ideal for cutting or trimming plastic, wood, paper, cloth and film
- Fits replacement blades #10, 11, 16, 17



44011

Product ID	Description	Blade Size
44011	Technik K-18 Grip-On Non-Roll Soft Handle Knife	#11

Technik K-1 Precision Light Duty Knife

- 4-3/4-inch aluminum handle
- 4-slot point chuck for easy blade release
- Includes a super sharp #11 blade and a high impact safety cap
- Ideal for precision cutting, forming and stripping of paper, plastic, wood, cloth and film
- Fits replacement blades #10, 11, 16, 17



44012

Product ID	Description	Blade Size
44012	Technik K-1 Precision Light Duty Knife	#11

Knives & Blades

Technik K-2 Medium Duty Knife



44013

- 4-3/4-inch aluminum handle
- 4-slot point chuck for easy blade release
- Includes a super sharp #22 blade and a high impact safety cap
- Ideal for precision cutting, trimming and stripping paper, plastic, wood, cloth and film
- Fits replacement blades #2, 18, 19, 22, 23, 24, 25, 26, 27, 28

Product ID	Description	Blade Size
44013	Technik K-2 Medium Duty Knife	#22

Technik K-5 Heavy Duty Knife



44014

- 7/16-inch aluminum adapter
- 4-slot point chuck for easy blade release
- Includes a #19 sharp edge angled blade and a snug fitting plastic safety cap
- Ideal for precision cutting, trimming and stripping paper, plastic, and wood
- Fits replacement blades #2, 18, 19, 22, 23, 24, 25, 26, 27, 28

Product ID	Description	Blade Size
44014	Technik K-5 Heavy Duty Knife	#19

Technik K-8 Flat Handle Light Duty Knife



44015

- Sleek long handle design with a sharp utility blade
- Both ends of the blade can be used for cutting
- Blade can be adjusted easily
- Ideal for cutting boxes, wood, leather and foam
- Fits replacement blades 44257, K-8 Replacement Blade (5/pk)

Product ID	Description
44015	Technik K-8 Flat Handle Light Duty Knife

Technik K-10 Plastic Snap Blade Knife



44016

- 13-point snap off blade in a strong plastic track
- Plastic auto-lock handle
- Ideal for home, office, or industrial use cutting paper, plastic, wood and other items
- Fits replacement blades 44256, K-10 Replacement Blade (100/pk)

Product ID	Description
44016	Technik K-10 Plastic Snap Blade Knife

Technik K-13 Heavy Duty Snap Blade Knife



44017

- 7-point deluxe snap off blade in a strong plastic track
- Plastic auto-lock handle
- Ideal for home, office, or industrial use cutting paper, plastic, wood and other items
- Fits replacement blades 44254, K-13 Replacement Blade (100/pk)

Product ID	Description
44017	Technik K-13 Heavy Duty Snap Blade Knife

Technik K-40 Pocket Clip Light Duty Utility Knife



44018

- Multi-purpose precision knife is ideal for cutting and trimming
- Unique twist lock pocket clip safety cap
- Machined aluminum 4 jaw chuck for tight secure blade housing
- Comfortable ridged tapered plastic handle
- Fits replacement blades #10, 11, 16, 17
- Super sharp #11 blade

Product ID	Description
44018	Technik K-40 Pocket Clip Light Duty Utility Knife

Technik Knife Set



44101

- Contains K1, K2, K5 knife handles
- 13 assorted blades
- Organized in convenient plastic tray

Product ID	Description
44101	Technik Knife Set

Technik Deluxe Knife Set



44102

- Contains K1, K2, K5 knife handles
- 13 assorted blades
- Includes a Teflon covered magnetic strip to help secure the blades
- Securely organized in a deluxe wooden box

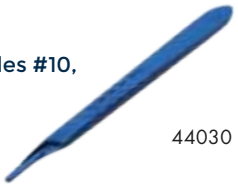
Product ID	Description
44101	Technik Deluxe Knife Set

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Scalpels & Blades

Scalpel Blade Handle Plastic #3

- #3 size handle is designed to fit blade styles #10, 11, 12, & 15
- Makes loading blades easy
- Perfectly balanced and precision machined plastic
- Fluted finger grips



44030

Product ID	Description
44030	Scalpel Blade Handle Plastic #3

Scalpel Blade Handle Stainless Steel #3

- #3 size handle is designed to fit blade styles #10, 11, 12, & 15
- Makes loading blades easy
- Perfectly balanced and precision machined stainless steel
- Fluted finger grips

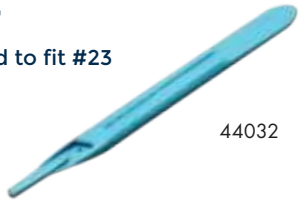


44031

Product ID	Description
44031	Scalpel Blade Handle Stainless Steel #3

Scalpel Blade Handle Plastic #4

- #4 size handle is specifically designed to fit #23 blade style
- Makes loading blades easy
- Perfectly balanced and precision machined plastic
- Fluted finger grips



44032

Product ID	Description
44032	Scalpel Blade Handle Plastic #4

Scalpel Blade Handle Stainless Steel #4

- #4 size handle is specifically designed to fit #23 blade style
- Makes loading blades easy
- Perfectly balanced and precision machined stainless steel
- Fluted finger grips



44033

Product ID	Description
44033	Scalpel Blade Handle Stainless Steel #4

K-8, K-10 & K-13 Replacement Blades

- Snap-off replacement blades
- Replacement blade for Technik K-8, Technik K-10, and Technik K-13 knives
- Ideal for home, office, or industrial use cutting paper, plastic, wood and other items



44254

Product ID	Description
44254	K-13 Replacement Blade (100/pk)
44256	K-10 Replacement Blade (100/pk)
44257	K-8 Replacement Blade (5/pk)

Replacement Blades



Product ID	Description
44201	No. 2 Blade (5/pk)
44202	No. 2 Blade (100/pk)
44203	No. 10 Blade (5/pk)
44204	No. 10 Blade (100/pk)
44205	No. 11 Blade (5/pk)
44205S	No. 11 Stainless Steel Blade (5/pk)
44206	No. 11 Blade (100/pk)
44206S	No. 11 Stainless Steel Blade (100/pk)
44211	No. 16 Blade (5/pk)
44212	No. 16 Blade (100/pk)
44213	No. 17 Blade (5/pk)
44214	No. 17 Blade (100/pk)
44215	No. 18 Blade (5/pk)

Product ID	Description
44216	No. 18 Blade (100/pk)
44217	No. 19 Blade (5/pk)
44218	No. 19 Blade (100/pk)
44221	No. 22 Blade (5/pk)
44222	No. 22 Blade (100/pk)
44223	No. 23 Blade (5/pk)
44224	No. 23 Blade (100/pk)
44225	No. 24 Blade (5/pk)
44226	No. 24 Blade (100/pk)
44227	No. 25 Blade (5/pk)
44228	No. 25 Blade (100/pk)
44229	No. 26 Blade (5/pk)
44230	No. 27 Blade (5/pk)
44231	No. 28 Blade (5/pk)

Scalpel Blades

- Made from surgical quality non-sterile .015" thick stainless steel
- Very sharp, precise and durable blade generally used for precision cutting in micro circuitry, photography, art, etc.
- Can be used with a plastic or stainless steel handle
- Contains two pieces per tube



44041

Product ID	Description	Blade Type
44041	Scalpel Blade #10	Curved cutting edge
44042	Scalpel Blade #11	Elongated triangular cutting edge
44043	Scalpel Blade #12	Small, pointed, crescent shaped cutting edge
44044	Scalpel Blade #15	Small curved cutting edge
44045	Scalpel Blade #23	Rounded "leaf shaped" cutting edge

Cutters

Accu-Cut® Oval Head Cutter

- This popular shape can be used for many applications
- ESD safe ergonomic grips
- Robust oval head designed for durability



10821S

Product ID	Description	Cutting Edge	Capacity
10821S	Accu-Cut® Oval Head Cutter	Semi-Flush	0.2mm-1.25mm
10821F	Accu-Cut® Oval Head Cutter	Flush	0.15-1.25mm

Accu-Cut® Oval Relief Head Cutter

- This popular shape can be used for many applications
- Relieved head allows easier access in tight confined areas
- ESD safe ergonomic grips
- Designed to be durable



10822F

Product ID	Description	Cutting Edge	Capacity
10822S	Accu-Cut® Oval Relief Head Cutter	Semi-Flush	0.2-1.2mm
10822F	Accu-Cut® Oval Relief Head Cutter	Flush	0.15-1.1mm

Accu-Cut® Large Oval Head Cutter

- 25% larger than our standard oval head cutters
- Larger cutting capacity
- ESD safe ergonomic grips
- Designed to be durable



10823S

Product ID	Description	Cutting Edge	Capacity
10823S	Accu-Cut® Large Oval Head Cutter	Semi-Flush	0.2-1.5mm
10823F	Accu-Cut® Large Oval Head Cutter	Flush	0.15-1.5mm
10823R	Accu-Cut® Large Oval Head Cutter	Razor Flush®	0.15-1.3mm

Accu-Cut® XL Oval Head Cutter

- Extra large oval head for cutting heavy duty wire
- ESD safe ergonomic grips
- Designed to be durable



10829S

Product ID	Description	Cutting Edge	Capacity
10823S	Accu-Cut® Large Oval Head Cutter	Semi-Flush	0.2-1.5mm
10823F	Accu-Cut® Large Oval Head Cutter	Flush	0.15-1.5mm
10823R	Accu-Cut® Large Oval Head Cutter	Razor Flush®	0.15-1.3mm

Accu-Cut® Mini Oval Head Cutter

- Miniature oval head for fine cutting work
- ESD safe ergonomic grips
- Designed to be durable



10827F

Product ID	Description	Cutting Edge	Capacity
10827S	Accu-Cut® Mini Oval Head Cutter	Semi-Flush	0.2-1.25mm
10827F	Accu-Cut® Mini Oval Head Cutter	Flush	0.1-0.9mm

Accu-Cut® Tapered Head Cutter

- Pointed head allows for increased access in tight areas
- ESD safe ergonomic grips
- Designed to be durable



10825S

Product ID	Description	Cutting Edge	Capacity
10825S	Accu-Cut® Tapered Head Cutter	Semi-Flush	0.2-1.25mm
10825F	Accu-Cut® Tapered Head Cutter	Flush	0.15-1.25mm

Accu-Cut® Tapered Relief Head Cutter

- Pointed head with relief allows for increased access in tight areas
- ESD safe ergonomic grips
- Designed to be durable



10826F

Product ID	Description	Cutting Edge	Capacity
10826S	Accu-Cut® Tapered Relief Head Cutter	Semi-Flush	0.2-1.15mm
10826F	Accu-Cut® Tapered Relief Head Cutter	Flush	0.1-1.05mm

Accu-Cut® Mini Tapered Relief Cutter

- Miniature tapered head with relief for exceptionally fine cutting work
- ESD safe ergonomic grips
- Designed to be durable



10828S

Product ID	Description	Cutting Edge	Capacity
10828S	Accu-Cut® Mini Tapered Relief Cutter	Semi-Flush	0.2-1.1mm
10828F	Accu-Cut® Mini Tapered Relief Cutter	Flush	0.1-1mm

Technik® Oval Head Cutter 144mm (4.5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10321

Product ID	Description	Cutting Edge	Capacity
10321*	Technik® Oval Head Cutter 114mm (4.5")	Semi-Flush	0.2-1.25mm
10323	Technik® Oval Head Cutter 114mm (4.5")	Flush	0.15-1.25mm

Technik® Tapered Head Cutter 114mm (4.5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10325

Product ID	Description	Cutting Edge	Capacity
10325	Technik® Tapered Head Cutter 114mm (4.5")	Semi-Flush	0.2-1.25mm
10326	Technik® Tapered Head Cutter 114mm (4.5")	Flush	0.15-1.25mm

Technik® Mini Tapered Head Cutter 110mm (4.3in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10331

Product ID	Description	Cutting Edge	Capacity
10331	Technik® Mini Tapered Head Cutter 110mm (4.3")	Flush	0.1-1.25mm

Technik® End Cutter 144mm (4.5in)


10327

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability
- Designed to cut close to the surface leaving smooth surface behind

Product ID	Description	Cutting Edge	Capacity
10327*	Technik® End Cutter 144mm (4.5")	Semi-Flush	0.2-1.25mm

Technik® Oblique Head Cutter 144mm (4.5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability
- Oblique tip can be used for fine wire cutting


10328

Product ID	Description	Cutting Edge	Capacity
10328	Technik® Oblique Head Cutter 144mm (4.5")	Semi-Flush	0.2-1.25mm

Technik® Long Nose Pliers w/ Cutter 120.5mm (4.75")

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10315

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10315*	Technik® Long Nose Plier w/ Cutter 120.5mm (4.75")	26.4mm	1.8mm	Serrated

Technik® Chain Nose Pliers 144mm (4.5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10301

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10301	Technik® Chain Nose Pliers 114mm (4.5")	23.6mm	1.8mm	Smooth
10307	Technik® Chain Nose Pliers 114mm (4.5")	23.6mm	1.8mm	Serrated

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NOTE: Product ID's with * included in 10600A Precision Stainless Steel Pliers Set

Technik® Chain Nose Pliers 127mm (5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10302

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10302	Technik® Chain Nose Pliers 127mm (5")	26.6mm	1.8mm	Smooth
10308	Technik® Chain Nose Pliers 127mm (5")	26.6mm	1.8mm	Serrated
10311	Technik® Chain Nose Pliers 127mm (5")	37.4mm	1.8mm	Smooth
10311S	Technik® Chain Nose Pliers 127mm (5")	37.4mm	1.8mm	Serrated

Technik® Chain Nose Pliers 152mm (6in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10333

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10333	Technik® Chain Nose Pliers 152mm (6")	38.8mm	2mm	Serrated

Technik® Flat Nose Pliers 114mm-152mm (4.5in-6in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10335

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10303*	Technik® Flat Nose Pliers 114mm (4.5")	23.6mm	3.2mm	Smooth
10304	Technik® Flat Nose Pliers 127mm (5")	29.9mm	5.87mm	Smooth
10335	Technik® Flat Nose Pliers 152mm (6")	42mm	5.3mm	Smooth

NOTE: Product ID's with * included in 10600A Precision Stainless Steel Pliers Set

Technik® Round Nose Pliers 114mm-127mm (4.5in-5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10305

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10305	Technik® Round Nose Pliers 114mm (4.5")	21.3mm	1.14mm	Smooth
10306	Technik® Round Nose Pliers 127mm (5")	23.6mm	1.14mm	Smooth

Technik® Bent Nose Pliers 114mm (4.5in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10310

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10309	Technik® Bent Nose Pliers 114mm (4.5")	22.8mm	1.5mm	Smooth
10310	Technik® Bent Nose Pliers 114mm (4.5")	22.8mm	1.5mm	Serrated

Technik® Bent Nose Pliers 152mm (6in)

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10313

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10313	Technik® Bent Nose Pliers 152mm (6")	40.6mm	2mm	Smooth

Technik® Needle Nose Pliers 146mm (5.75")

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability


10314

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10314*	Technik® Needle Nose Pliers	49mm	1.5mm	Serrated

Technik® Needle Nose Pliers Curved 152mm (6")

- Manufactured from 400 series stainless steel
- Induction hardened jaws
- Dual leaf springs
- ESD safe cushioned grips
- Box joint construction provides superior jaw alignment and durability



10953

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10953	Technik® Needle Nose Pliers Curved 152mm (6")	31.2mm	1.3mm	Serrated

Technik® Precision Stainless Steel Pliers Set 6pc

- Induction hardened jaws
- Dual leaf springs
- ESD Safe cushioned grips
- Manufactured from 400 series stainless steel
- Box Joint construction provides superior jaw alignment and durability
- Set includes: Technik Stainless Steel Pliers & Cutters - 10301, 10303, 10314, 10315, 10321, 10327
- Tools come with a handy leatherette pouch



10600A

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10953	Technik® Needle Nose Pliers Curved 152mm (6")	31.2mm	1.3mm	Serrated

Niptec®

Niptec® TR 5000 Cutter

- Durable 5mm thick blades
- Compact ergonomic design
- Semi-flush cutting edge
- For use on copper wire up to 12 AWG
- ESD Safe grips



10501

Product ID	Description	Cutting Edge
10501	Niptec® TR 5000 Cutter	Semi-Flush

Niptec® TR 25-E Cutter

- For use on copper wire up to 18 AWG
- Blue non-slip grips make tool comfortable and easy to use
- Compact ergonomic design
- Narrow cutting head for access into dense areas



10521EC

Product ID	Description	Cutting Edge
10521EC	Niptec® TR 25-E Cutter	Flush

Niptec® TR 5000PG Cutter

- Durable 5mm thick blades
- Compact ergonomic design
- Semi-flush cutting edge
- For use on copper wire up to 16 AWG
- ESD Safe grips



10503

Product ID	Description	Cutting Edge
10503	Niptec® TR 5000PG Cutter	Flush

Niptec® TR 20M Cutter

- Compact ergonomic design
- ESD Safe grips make tool comfortable and easy to use
- For use on copper wire up to 20 AWG
- Small cutting head angled at 21° for access into tight places



10527B

Product ID	Description	Cutting Edge
10527B	Niptec® TR 20M Cutter	Flush

Niptec® TR 25 Cutter

- For use on copper wire up to 18 AWG
- ESD Safe grips
- Compact ergonomic design
- Narrow cutting head for access into dense areas



10521

Product ID	Description	Cutting Edge
10521	Niptec® TR 25 Cutter	Flush

Did you know **Aven offers a limited lifetime warranty** on all hand tools? Visit www.AvenTools.com for more information.

Stealth Cutters

AVEN Tools for Advancing Innovation™





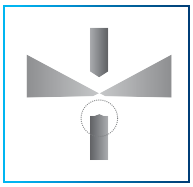
Premium Wire Cutters
- High performance alloy steel
- Non-reflective satin finish
- 60-63 HRC
- Precision screw joint construction



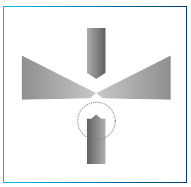
Comfortable Grip
- ESD Safe Comfort Grips
- Designed for all hand sizes
- Dual Leaf Springs



The Right Cutters For The Right Job
- Oval head, tapered head, and angled cutters
- Available with flush or semi-flush cutting blades



Flush Blade



Semi-Flush Blade

Smooth Cutting Performance

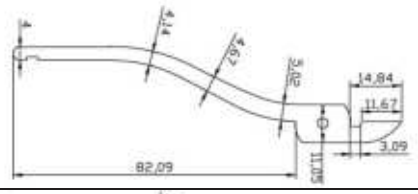
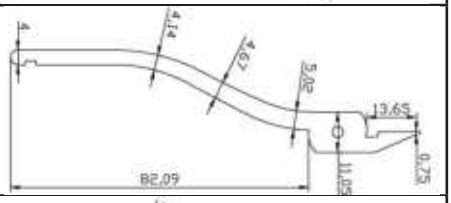
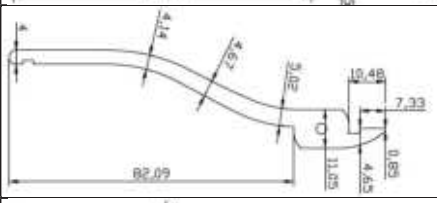
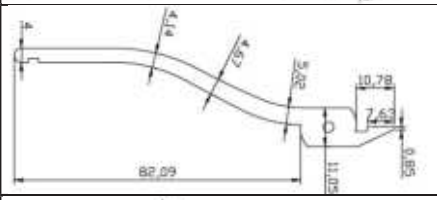
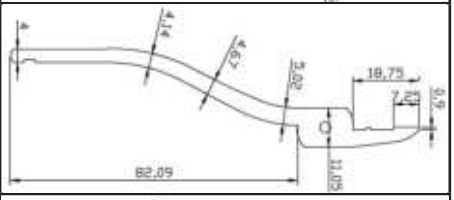
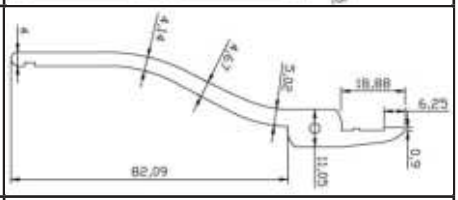
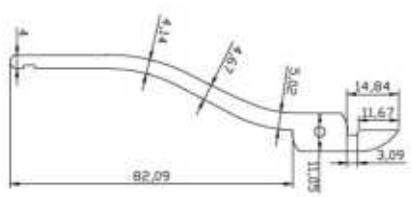
Aven Stealth Cutters are manufactured from a high carbon stainless steel for exceptional strength and durability. The cutters feature a non-reflective satin finish, a unique screw-joint for perfect alignment of the cutting blades while minimizing friction, induction hardened cutting edges that are produced using a proprietary grinding process to ensure edge angle accuracy and ESD safe ergonomically designed grips. Each cutter is individually inspected and checked for quality and performance.

Stealth Cutters are designed for durable longevity when cutting industry-standard soft copper wires. With a hardness rating of 55 HRC, the steel blades are less prone to becoming dull and brittle over time than cutters with higher ratings.

- High carbon stainless steel
- Ergonomic ESD safe comfort hand grips
- Ultra-responsive leaf springs for reduced hand fatigue
- Non-reflective satin finish
- Hardness rating: 55 HRC, making the blades less prone to becoming dull or brittle over time
- Screw joint construction for precise blade alignment

Stealth Cutters

AVEN Tools for Advancing Innovation™

Head Style	Image	Part#	Cutting Capacity	Line Drawing
Oval Head		Flush: 10921F Semi-Flush: 10921S	Flush: 0.15-1.20mm Semi-Flush: 0.20-1.20mm	
Tapered Head		Flush: 10925F Semi-Flush: 10925S	Flush: 0.15 -1.00mm Semi-Flush: 0.20-1.10mm	
Mini Oval Head		Flush: 10927F	0.10 - 1.00mm	
Mini Tapered Head w/Relief		Flush: 10928F	0.10 - 1.00mm	
Angulated Cutter Large		Flush: 10935F	0.10 - 0.65mm	
Angulated Cutter Mini		Flush: 10934F	0.10 - 0.65mm	
Extra Large Oval Head		Flush: 10923F Semi-Flush: 10921S	Flush: .10 - 2.0mm Semi-Flush: 0.4 to 2mm	Line Drawing Available Upon Request
Oval Head With Relief		Flush: 10922F Semi-Flush: 10922S	Flush: 0.15-1.20mm Semi-Flush: 0.20-1.20mm	

STEALTH PLIERS





Machined Stainless Steel
- Precise Tip Alignment
- Exceptional Durability



Ultra-Responsive
Dual Leaf Springs
- Reduce hand fatigue for repeated use



ESD Safe Grips
- Ergonomic comfort grips
- ESD Safe



7 Models Available
- Seven tip styles ideal for a variety of applications

Heavy-Duty Precision Pliers

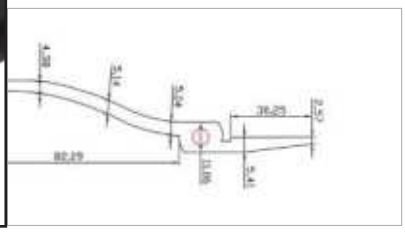
Made from machined stainless steel, Aven's Stealth Pliers are designed for heavy-duty use. Featuring screw joint construction for maximum durability, ensuring precise alignment for the life of the pliers. Ultra-responsive leaf springs provide easy opening and closing of the pliers for reduced hand fatigue during repetitive use. ESD safe, ergonomic hand grips provide protection against static build up and feel comfortable for all hand sizes. Ideal for projects that include forming, bending and precision assembly.

STEALTH PLIERS



CHAIN NOSE 5" WITH SMOOTH JAWS

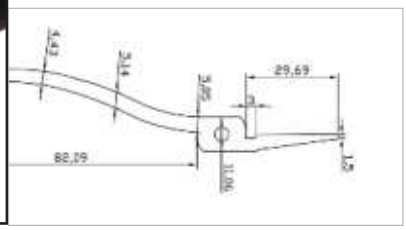
ITEM #
10841





SHORT NEEDLE NOSE 5" WITH SMOOTH JAWS

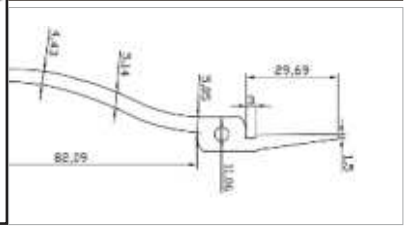
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ROUND NOSE 5" WITH SMOOTH JAWS

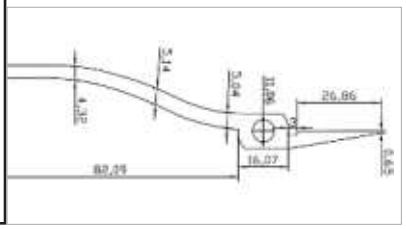
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FLAT NOSE 5" WITH SMOOTH JAWS

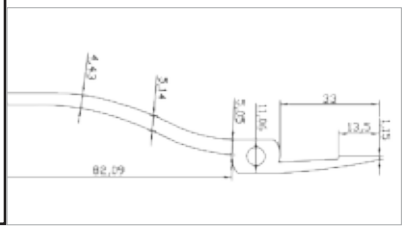
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FLAT NOSE 6" WITH SMOOTH JAWS

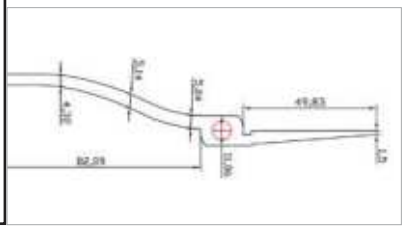
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LONG NEEDLE NOSE 6" WITH SERRATED JAWS

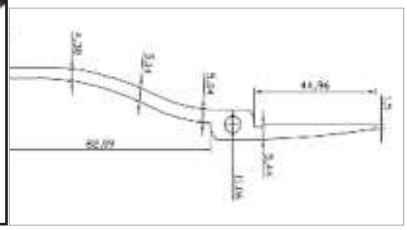
ITEM #
10849





BENT NOSE 6" WITH SMOOTH JAWS

ITEM #
10850



Pliers Parallel Action 5" Snipe Nose



10753

- Grip remains consistently parallel along full length of jaw when open or closed
- Smooth, snipe profile jaws offer square vice-like grip
- Compound lever action with no spring
- Compact, ergonomic design
- Nickel-plated handles with jaws made of hardened steel

Product ID	Description	Max Opening	Jaw Length
10753	Pliers Parallel Action 5" Snipe Nose	10mm	25mm

Flat Nose Pliers 8"



10756

- Serrated Jaws with V-Slot for holding wire
- Grip remains consistently parallel along full length of jaw when open or closed
- Compound lever action with no spring
- Nickel-plated handles with jaws made of hardened steel

Product ID	Description	Max Opening	Jaw Length
10756	Flat Nose Pliers 8"	17mm	41mm

Flat Nose Pliers w/ Wire Cutters 5"



10761

- Serrated Jaws with V-Slot for holding wire
- Compound lever action with no spring
- Nickel-plated handles with jaws made of hardened steel
- Built-in wire cutter cuts soft wire up to 2.5mm (0.1")
- Grip remains consistently parallel along full length of jaw when open or closed

Product ID	Description	Max Opening	Jaw Length
10761	Flat Nose Pliers 5"	17mm	35mm

Diagonal Cutter Compound Action 6.5"



10754

- Compound lever action handles give you more power for cutting and gripping
- Compound lever action handles require less force when cutting
- Durable, semi-flush cutting jaw will cut piano wire up to 2mm
- Ergonomic design provides extra comfort and ease in use
- Nickel-plated handles with jaws made of hardened steel

Product ID	Description	Max Opening	Jaw Length
10754	Diagonal Cutter Compound Action 6.5"	17mm	41mm

Flat Nose Pliers w/ Wire Cutters 8"



10764

- Serrated Jaws with V-Slot for holding wire
- Grip remains consistently parallel along full length of jaw when open or closed
- Compound lever action with no spring
- Cushion-grip handles with jaws made of hardened steel
- Built-in wire cutter cuts soft wire up to 6mm (0.24")

Product ID	Description	Max Opening	Jaw Length
10764	Flat Nose Pliers w/Wire Cutters 8"	17mm	41mm

Need a Product Demonstration?

Request one at www.AvenTools.com

Tweezers



Aven offers a wide variety of tweezers to meet a broad range of applications and 2 different quality grades.

In order to choose the best tool for your application:

1. Determine the type of points best suited for your application.
2. Refer to the material guide below and select the correct material for your application.
3. Determine the quality level required for your application if applicable. (Table 1)

Special Coatings (Available on non-magnetic stainless steel only)

TE - Teflon Superior anti-scratch, non-stick material. Acid resistant. 400°F/200°C

EP - Epoxy Good electrical insulation and resistance to chemicals. Antiglare. 300°F/150°C

* To order tweezers with above mentioned coatings, call Aven for price and delivery time.

Quality Grades (Table 1)	
Accu-Tek ♦♦♦♦	Made from the finest steels. Perfectly Balanced for a superior feel. Light weight with soft tension with accurately finished points. Recommended for work under high power magnification aerospace and micro electronics and in applications where high precision is required. All Accu-Tek precision tweezers are made from anti-acid, anti-magnetic stainless steel.
Technik ♦♦♦	Finely crafted tweezers. Anti-glare finish to reduce eye strain. Hand finished points for accuracy. Recommended for micro electronics and precision assembly.

Material Selection Guide (Table 2)			
Material	Tip Hardness	Magnetism	Corrosion Resistance
Titanium	Excellent	Never	Excellent
Carbon steel	Excellent	Yes	Low
Stainless Steel	Very Good	Some	Good
Stainless Steel, Anti-magnetic, Anti-acid	Good	None to very little	Excellent, Resists Acids
Carbon Composite	Soft	None	Non-corrosive

Titanium: Titanium tweezers are excellent for use in the silicon chip industry, as they do not shed particles like the stainless steel. When it is determined that microscopic particles are a detriment when handling abrasive parts we recommend using titanium tweezers. In addition since titanium tweezers are 100% non magnetic, they are extremely useful when working with magnetic materials or when working in a magnetic field. Titanium is lightweight and a high strength material.

Ceramic: ESD Safe, non magnetic. Resists all chemicals except hydrofluoric acids. Withstands temperatures up to 900°F. Heat sink fighter.

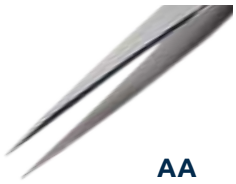
Plastic: We offer static dissipative plastic tweezers. Plastic tweezers are non magnetic, resist virtually all commercial solvents. Non absorbent and easy to clean. Tips are non-marring.

Carbofib: Fully ESD Safe (102 ohm) but at the same time, soft and non scratching. These conductive synthetic fiber tips are ideally suited to handle delicate and fragile components when extreme care and ESD safety are an absolute necessity. Every tweezers is manually finished and tested for maximum precision. Chemical resistant and heat resistant up to 256ºC.

Tweezers

Style AA Tweezers

For general assembly, very strong and precise tips with fine finish. Available in different materials and quality grades. Length: 5" (130mm)

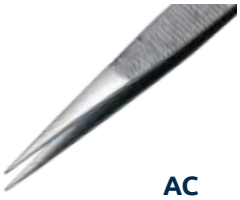


AA

Product ID	Description	Material
18013USA	Technik Tweezers AA-SA	Stainless Steel
18011-CS	Aven Tweezers AA-CS	Carbon Steel, Nickel/Chrome Plated
18013TS	Accu-Tek AA (Swiss Made)	Titanium
18013TT	Aven Tweezers AA	Titanium
18013EZ	E-Z Pik Tweezers AA Yellow	Stainless Steel
18013ARS	Artis Tweezers AA-SA	Stainless Steel

Style AC Tweezers

Sturdy tips for bending and handling very fine wire and components. Tweezers feature finger grips. Available in different materials and quality grades. Length: 4-3/4" (120mm)

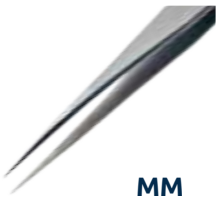


AC

Product ID	Description	Material
18016USA	Technik Tweezers AC-SA	Stainless Steel
18014-CS	Aven Tweezers AC-CS	Carbon Steel, Nickel/Chrome Plated

Style MM Tweezers

General purpose, tweezers with hardened, precision tips and fine finish. Available in different materials and quality grades. Length: 5" (130mm)

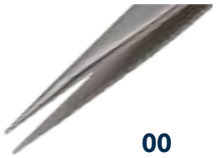


MM

Product ID	Description	Material
18023USA	Technik Tweezers MM-SA	Stainless Steel
18014-CS	Aven Tweezers MM-CS	Carbon Steel, Nickel/Chrome Plated
18023ARS	Artis Tweezers MM-SA	Stainless Steel

Style 00 Tweezers

Flat edges, heavy duty strong blades tapering to a regular strong point. Available in different materials and quality grades. Length: 4-3/4" (120mm)

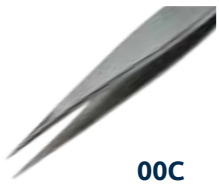


00

Product ID	Description	Material
18032ACU	Accu-Tek Tweezers 00-SA	Stainless Steel
18032USA	Technik Tweezers 00-SA	Stainless Steel
18032-CS	Aven Tweezers 00-CS	Carbon Steel, Nickel/Chrome Plated
18032TS	Accu-Tek 00 (Swiss Made)	Titanium
18032TT	Aven Tweezers 00	Titanium
18032EZ	E-Z Pik Tweezers 00 Red	Stainless Steel
18032-ER	Comfort Grip Tweezers 00-SA	Stainless Steel
18032ARS	Artis Tweezers 00-SA	Stainless Steel

Style 00C Tweezers

Flat edges, heavy duty strong blades tapering to a regular strong point. Slightly shorter than 00. Length: 4-1/2" (115mm)



00C

Product ID	Description	Material
18034USA	Technik Tweezers 00C-SA	Stainless Steel

Style 00D Tweezers

Flat edges, heavy duty strong blades tapering to a regular strong point. Tweezers feature finger grips. Available in different materials and quality grades. Length: 4-3/4" (120mm)

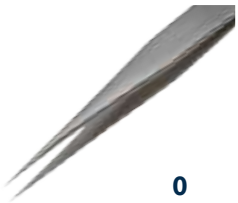


00D

Product ID	Description	Material
18037ACU	Accu-Tek Tweezers 00D-SA	Stainless Steel
18037-MS	Mini 00D-SA (Swiss Made)	Stainless Steel
18037USA	Technik Tweezers 00D-SA	Stainless Steel
18036-CS	Aven Tweezers 00D-CS	Carbon Steel, Nickel/Chrome Plated
18037TT	Aven Titanium Tweezers 00D	Titanium

Style 0 Tweezers

Extremely fine straight points for general handling and positioning of minature parts or fine wire. Available in different quality grades. Length: 4-3/4" (120mm)

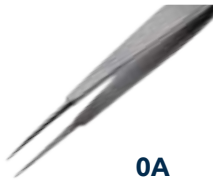


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Product ID	Description	Material
18026ACU	Accu-Tek Tweezers 0-SA	Stainless Steel
18026USA	Technik Tweezers 0-SA	Stainless Steel

Style 0A Tweezers

Straight point tweezers with radius edges are uniquely designed for working in small yet dense areas. Length: 4-3/4" (120mm)

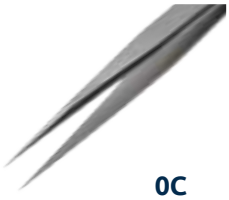


0A

Product ID	Description	Material
18027USA	Technik Tweezers 0A-SA	Stainless Steel

Style 0C Tweezers

Straight point tweezers with flat edges, fine tips and shortened overall length for delicate handling of small parts. Available in different quality grades. Length: 3-1/2" (90mm)



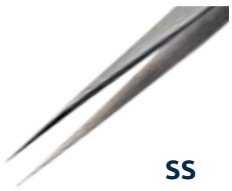
0C

Product ID	Description	Material
18029ACU	Accu-Tek Tweezers 0C-SA	Stainless Steel
18029USA	Technik Tweezers 0C-SA	Stainless Steel

Tweezers

Style SS Tweezers

Extra long and narrow, straight point tweezers. Provides extended reach and access to confined areas. Available in different quality grades. Length: 5-1/2" (140mm)



SS

Product ID	Description	Material
18040ACU	Accu-Tek Tweezers SS-SA	Stainless Steel
18040ACU	Artis Tweezers SS-SA	Stainless Steel
18040USA	Technik Tweezers SS-SA	Stainless Steel
18040ARS	Artis Tweezers SS-SA	Stainless Steel

Style 1 Tweezers

Designed for general use featuring strong blades with fine points. Available in different materials and quality grades. Length: 4-3/4" (120mm)

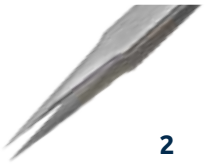


1

Product ID	Description	Material
18043ACU	Accu-Tek Tweezers 1-SA	Stainless Steel
18043USA	Technik Tweezers 1-SA	Stainless Steel
18043-CS	Aven Tweezers 1-CS	Carbon Steel, Nickel/Chrome Plated
18043ARS	Artis Tweezers 1-SA	Stainless Steel
18043TT	Aven Titanium Tweezers 1	Titanium
18043ARS	Artis Tweezers 1-SA	Stainless Steel

Style 2 Tweezers

Tapered, sharp point tweezers for bending and handling of small wires and parts. Available in different materials and quality grades. Length: 4-3/4" (120mm)



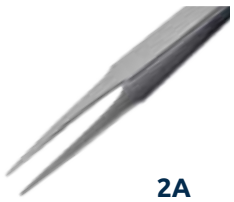
2

Product ID	Description	Material
18046ACU	Accu-Tek Tweezers 2-SA	Stainless Steel
18046-MS	Mini 2-SA (Swiss Made)	Stainless Steel
18046USA	Technik Tweezers 2-SA	Stainless Steel
18046-CS	Aven Tweezers 2-CS	Carbon Steel, Nickel/Chrome Plated
18046TS	Accu-Tek 2 (Swiss Made)	Titanium
18046TT	Aven Titanium Tweezers 2	Titanium



Style 2A Tweezers

Straight Flat Tips. Provides large flat gripping surface. Available in different materials and quality grades. Length: 4-3/4" (120mm)



2A

Product ID	Description	Material
18049ACU	Accu-Tek Tweezers 2A-SA	Stainless Steel
18049-MS	Mini 2A-SA (Swiss Made)	Stainless Steel
18049USA	Technik Tweezers 2A-SA	Stainless Steel
18049-CS	Aven Tweezers 2A-CS	Carbon Steel, Nickel/Chrome Plated
18049TS	Accu-Tek 2A (Swiss Made)	Titanium
18049TT	Aven Titanium Tweezers 2A	Titanium
18049EZ	E-Z Pik Tweezers 2A Black	Stainless Steel
18049-ER	Comfort Grip Tweezers 2A-SA	Stainless Steel
18043ARS	Artis Tweezers 2A-SA	Stainless Steel

Style 2AB Tweezers

Style 2AB Tweezers feature curved round tips, ideal for handling delicate or small parts. Tip angle facilitates wafer tray loading. Length: 4-3/4" (120mm)

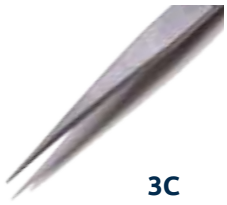


2AB

Product ID	Description	Material
18050USA	Technik Tweezers 2AB-SA	Stainless Steel

Style 3C Tweezers

Fine point tweezers, slightly shorter than #3, for general assembly or light magnification applications. Available in different materials and quality grades. Length: 4-1/4" (110mm)



3C

Product ID	Description	Material
18056ACU	Accu-Tek Tweezers 3C-SA	Stainless Steel
18056USA	Technik Tweezers 3C-SA	Stainless Steel
18054-CS	Aven Tweezers 3C-CS	Carbon Steel, Nickel/Chrome Plated
18056TS	Accu-Tek 3C (Swiss Made)	Titanium
18056TT	Aven Titanium Tweezers 3C	Titanium
18056EZ	E-Z Pik Tweezers 3C Light Blue	Stainless Steel
18056-ER	Comfort Grip Tweezers 3C-SA	Stainless Steel
18056ARS	Artis Tweezers 3C-SA	Stainless Steel

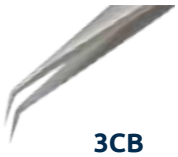
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Tweezers

Style 3CB Tweezers

Long and narrow bent tip tweezers. Provides extended reach and access to confined areas. Length: 4-1/4" (110mm)

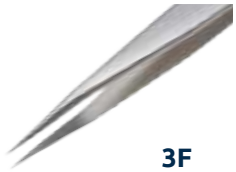


3CB

Product ID	Description	Material
18078ACU	Accu-Tek Tweezers 3CB-SA	Stainless Steel

Style 3F Tweezers

Tips touch over 3mm for holding tiny wires. Length: 4-3/4" (120mm)



3F

Product ID	Description	Material
18079ACU	Accu-Tek Tweezers 3F-SA	Stainless Steel

Style 35A Tweezers

Ideal for handling wafers, delicate parts, and delicate assembly work. Length: 4-3/4" (120mm)



35A

Product ID	Description	Material
18201USA	Aven Tweezers 35A-SA	Stainless Steel

Style 36 Tweezers

Angled broad tip tweezers feature large paddle style tips. Wide tips provide firm grip. Length: 4-3/4" (120mm)

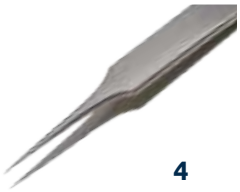


36

Product ID	Description	Material
18202USA	Aven Tweezers 36-SA	Stainless Steel

Style 4 Tweezers

Designed for extra fine work. Blades taper sharply from body to form very fine long rounded points. Available in different materials and quality grades. Length: 4-1/4" (110mm)

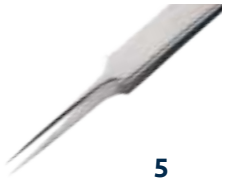


4

Product ID	Description	Material
18059ACU	Accu-Tek Tweezers 4-SA	Stainless Steel
18059USA	Technik Tweezers 4-SA	Stainless Steel
18057-CS	Aven Tweezers 4-CS	Carbon Steel, Nickel/Chrome Plated
18059TT	Aven Titanium Tweezers 4	Titanium

Style 5 Tweezers

Designed for extra fine work with long blades which break sharply from body and taper to the sharpest points available. Available in different materials and quality grades. Length: 4-1/4" (110mm)



5

Product ID	Description	Material
18062ACU	Accu-Tek Tweezers 5-SA	Stainless Steel
18062-MS	Mini 5-SA (Swiss Made)	Stainless Steel
18062USA	Technik Tweezers 5-SA	Stainless Steel
18060-CS	Aven Tweezers 5-CS	Carbon Steel, Nickel/Chrome Plated
18062TS	Accu-Tek 5 (Swiss Made)	Titanium
18062TT	Aven Titanium Tweezers 5	Titanium
18062EZ	E-Z Pik Tweezers 5 Green	Stainless Steel
18062-ER	Comfort Grip Tweezers 5-SA	Stainless Steel
18062ARS	Artis Tweezer 5-SA	Stainless Steel

Style 5A Tweezers

Features the sharpest points available. The oblique fine points provide greater visibility. Available in different materials and quality grades. Length: 4-1/2" (115mm)

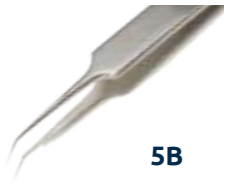


5A

Product ID	Description	Material
18065ACU	Accu-Tek Tweezers 5A-SA	Stainless Steel
18065USA	Technik Tweezers 5A-SA	Stainless Steel
18065TT	Aven Titanium Tweezers 5A	Titanium

Style 5B Tweezers

Features super micro high precision bent tips provide maximum visibility. Available in different materials and quality grades. Length: 4-1/4" (110mm)

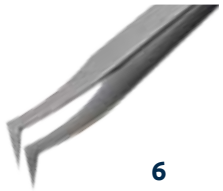


5B

Product ID	Description	Material
18066USA	Technik Tweezers 5B-SA	Stainless Steel
18066-CS	Aven Tweezers 5B-CS	Carbon Steel, Nickel/Chrome Plated

Style 6 Tweezers

Angled fine tip is designed to allow greater access into tight areas. Available in different materials and quality grades. Length: 4-3/4" (120mm)



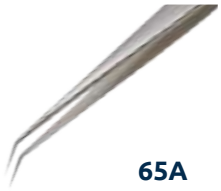
6

Product ID	Description	Material
18069ACU	Accu-Tek Tweezers 6-SA	Stainless Steel
18069USA	Technik Tweezers 6-SA	Stainless Steel
18067-CS	Aven Tweezers 6-CS	Carbon Steel, Nickel/Chrome Plated
18069TS	Accu-Tek 6 (Swiss Made)	Titanium
18069TT	Aven Titanium Tweezers 6	Titanium

Tweezers

Style 65A Tweezers

Long fine curved tips are designed to allow greater access into tight areas. Length: 5-1/2" (140mm)



65A

Product ID	Description	Material
18076ACU	Accu-Tek Tweezers 65A-SA	Stainless Steel

Style 66 Tweezers

Long double bent tips are designed to allow greater access into tight areas. Length: 5-1/2" (140mm)



66

Product ID	Description	Material
18077ACU	Accu-Tek Tweezers 66-SA	Stainless Steel

Style 7 Tweezers

Designed with curved, super fine points for easy assembly work, allowing hand to rest on bench. Available in different materials and quality grades. Length: 4-1/2" (115mm)



7

Product ID	Description	Material
18072ACU	Accu-Tek Tweezers 7-SA	Stainless Steel
18072USA	Technik Tweezers 7-SA	Stainless Steel
18070-CS	Aven Tweezers 7-CS	Carbon Steel, Nickel/Chrome Plated
18072TS	Accu-Tek 7 (Swiss Made)	Titanium
18072TT	Aven Titanium Tweezers 7	Titanium
18072EZ	E-Z Pik Tweezers 7 Orange	Stainless Steel
18072-ER	Comfort Grip Tweezers 7-SA	Stainless Steel
18072ARS	Artis Tweezer 7-SA	Stainless Steel

Style 7B Tweezers

Similar to style 7, pattern 7B tweezers feature serrated tips and have been designed with curved, super fine points for easy assembly work, allowing hand to rest on bench. Length: 4-1/2" (115mm)

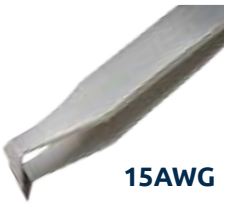


7B

Product ID	Description	Material
18074USA	Technik Tweezers 7B-SA	Stainless Steel

Style 15AWG Tweezers

Designed for culling hairsprings and electronic component wires. The blades, made from 400 series stainless steel induction for durability, feature hardened tips. Length: 4-1/2" (115mm)



15AWG

Product ID	Description	Material
18114ACU	Accu-Tek Tweezers 15AWG-SA	Stainless Steel

Aven 6-Piece Tweezer Set



18472

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Curved and straight tip tweezers are helpful when working in confined spaces
- Locking tweezers helpful for soldering and holding small parts

Product ID	Description
18472	Aven 6-Piece Tweezer Set

Aven 5-Piece Tweezer Set



18473

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Curved and straight tip tweezers are helpful when working in confined spaces
- Locking tweezers helpful for soldering and holding small parts

Product ID	Description
18473	Aven 5-Piece Tweezer Set

Technik 6-Piece Precision Tweezer Set



18475USA

- Finely crafted tweezers
- Anti-glare finish to reduce eye strain
- Hand finished points for accuracy
- Ideal for micro electronics and precision assembly
- Contains AA-SA, OO-SA, OODSA, 3C-SA, 5-SA and 7-SA styles

Product ID	Description
18475USA	Technik 6-Piece Precision Tweezer Set

Technik 5-Piece Precision Tweezer Set



18476USA

- Finely crafted tweezers
- Anti-glare finish to reduce eye strain
- Hand finished points for accuracy
- Ideal for micro electronics and precision assembly
- Contains OO-SA, OOD-SA, 3C-SA, 5-SA and 7-SA styles
- Supplied in an elegant padded wooden case

Product ID	Description
18476USA	Technik 5-Piece Precision Tweezer Set

E-Z Pik 6-Piece Tweezer Set



18480EZ

- Color coated for easy identification
- Contains AA-SA, OO-SA, OODSA, 3C-SA, 5-SA and 7-SA styles
- Stainless steel, anti-magnetic, anti-acid
- Highly durable special coating for high visibility and easy identification

Product ID	Description
18480EZ	E-Z Pik 6-Piece Tweezer Set

Titanium 6-Piece Precision Tweezer Set



18480TT

- Aven's most popular titanium tweezer styles in a handy pouch
- Titanium tweezers do not shed particles like the stainless steel tweezers
- Light weight and high strength material
- Contains 2A, 3c, OO, AA, 5 and 7 styles
- Extremely useful when handling magnetic materials

Product ID	Description
18480TT	Titanium 6-Piece Precision Tweezer Set

9-Piece Artis Tweezers

18040ARS



Aven's cutting edge design features an angled bend at the end of the tip, which provides a softer overall grip with a large surface area that reduces hand fatigue, enhancing productivity. The durable tweezers are protected by an attractive ESD safe coating and highly feature polished stainless steel tips.

- Contains AA,MM, OO, SS, 1-SA, 2A-SA, 3C, 5-SA, and 7-SA styles

Product ID	Description	Material
18040ARS	Artis 9- Piece Tweezers w/ Carrying Case	Stainless Steel

Carbofib 3-CF Tweezers



18702

These Swiss made, ESD safe tweezers feature excellent wear and abrasion resistance. Ideal for handling sensitive materials such as electronic components, micro-mechanical parts, glass and ceramic substrates, these tweezers provide very high rigidity, excellent tensile and flexural strength and have good chemical resistance to oils, grease, fuels, and non-polar solvents. Length: 5" (130mm)

Product ID	Description	Tip Style	Tip Width	Style
18702	Carbofib 302-CF Tweezers	Straight, Broad	2mm	302
18704	Carbofib 304-CF Tweezers	Straight, Ultra Fine	0.6mm	304
18760	Carbofib 3-CF Tweezers	Straight, Fine	0.8mm	3
18762	Carbofib 5-CF Tweezers	Straight, Ultra Fine	0.5mm	5
18767	Carbofib 2-CF Tweezers	Straight, Fine	0.8mm	2
18768	Carbofib 2A-CF Tweezers	Straight, Rounded	1.8mm	2A
18769	Carbofib 7-CF Tweezers	Curved, Fine	0.6mm	7

Style 2C Plastic Tweezers



18517

Straight with very fine tips and made of chemically resistant lightweight plastic, this anti-static tool will not damage sensitive electronic devices nor contaminate materials when used in corrosive environments.

Product ID	Description	Length
18517	Plastic Tweezers 2C Fine, Straight Tips	4-1/2" (115mm)

Style 7 Plastic Tweezers



18523

Curved with very fine tips and made of chemically resistant lightweight plastic, this anti-static tool will not damage sensitive electronic devices such as hard drives nor contaminate materials when used in corrosive environments.

Product ID	Description	Length
18523	Plastic Tweezers 7 Fine, Curved Tips	4-1/2" (115mm)

Tweezers

Style 35 Plastic Tweezers

Straight with flat tips and made of chemically resistant lightweight plastic, this anti-static tool will not damage sensitive electronic devices such as hard drives nor contaminate materials when used in corrosive environments.



18526

Product ID	Description	Length
18526	Plastic Tweezers 35 Straight, Flat Tips	4-1/2" (115mm)

Style 35A Plastic Tweezers

Straight with broad, flat tips and made of chemically resistant lightweight plastic, this anti-static tool will not damage sensitive electronic devices such as hard drives nor contaminate materials when used in corrosive environments.



18529

Product ID	Description	Length
18529	Plastic Tweezers 35A Straight, Broad, Flat Tips	4-1/2" (115mm)

Style 702A ESD Plastic Tweezers

Manufactured from Polyetheretherketone reinforced with 30% carbon fiber (PEEK/CF30), these very hard, rigid, high tensile and flexural strength tweezers are ideal for the handling of components in cleaning, chemical, and assembly of components.



18531

Product ID	Description	Length
18531	ESD Plastic Tweezers 702A Straight, Flat Tips	4-1/2" (115mm)

Style 2AB Plastic Tweezers

Curved with rounded tips and made of chemically resistant lightweight plastic, this anti-static tool will not damage sensitive electronic devices such as hard drives nor contaminate materials when used in corrosive environments.



18514

Product ID	Description	Length
18514	Plastic Tweezers 2AB Curved, Flat Tips	4-1/2" (115mm)

Style 705 ESD Plastic Tweezers

Manufactured from Polyetheretherketone reinforced with 30% carbon fiber (PEEK/CF30), these very hard, rigid, high tensile and flexural strength tweezers are ideal for the handling of components in cleaning, chemical, and assembly of components.



18532

Product ID	Description	Length
18532	ESD Plastic Tweezers 705 Very Fine, Tapered Tips	4-1/2" (115mm)

Style 707 ESD Plastic Tweezers

Manufactured from Polyetheretherketone reinforced with 30% carbon fiber (PEEK/CF30), these very hard, rigid, high tensile and flexural strength tweezers are ideal for the handling of components in cleaning, chemical, and assembly of components.



18533

Product ID	Description	Length
18533	ESD Plastic Tweezers 707 Fine Tips	4-1/2" (115mm)

Style 707A ESD Plastic Tweezers

Manufactured from Polyetheretherketone reinforced with 30% carbon fiber (PEEK/CF30), these very hard, rigid, high tensile and flexural strength tweezers are ideal for the handling of components in cleaning, chemical, and assembly of components.



18534

Product ID	Description	Length
18534	ESD Plastic Tweezers 707A Curved, Fine Tips	4-1/2" (115mm)

Style 709 ESD Plastic Tweezers

Manufactured from Polyetheretherketone reinforced with 30% carbon fiber (PEEK/CF30), these very hard, rigid, high tensile and flexural strength tweezers are ideal for the handling of components in cleaning, chemical, and assembly of components.



18535

Product ID	Description	Length
18535	ESD Plastic Tweezers 709 Broad, Flat Tips	4-1/2" (115mm)

Style 710 ESD Plastic Tweezers

Manufactured from Polyetheretherketone reinforced with 30% carbon fiber (PEEK/CF30), these very hard, rigid, high tensile and flexural strength tweezers are ideal for the handling of components in cleaning, chemical, and assembly of components.



18536

Product ID	Description	Length
18536	ESD Plastic Tweezers 710 Wide, Flat Tips	4-1/2" (115mm)

Need Help Choosing a Tweezer?

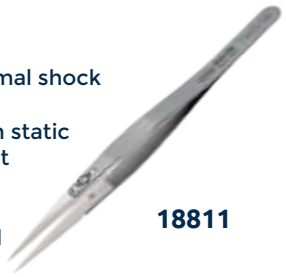
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Tweezers

AVEN Tools for Advancing Innovation™

Accu-Tek Ceramic Tweezers

- Low thermal conductivity and high thermal shock resistance
- 100% non magnetic, non rusting and non static
- Highly resistant to all strong acids except hydrofluoric
- Solder will not adhere to surface
- Will hold tip geometry better than metal
- Swiss made stainless steel handles

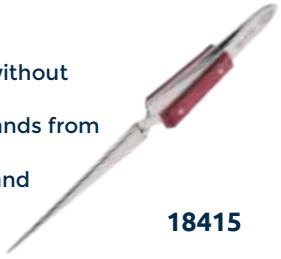


18811

Product ID	Description	Material
18810	Ceramic Tweezers Pattern 71	Ceramic Tips/Stainless Steel Bodies
18811	Ceramic Tweezers Pattern 72	Ceramic Tips/Stainless Steel Bodies
18812	Ceramic Tweezers Pattern 73	Ceramic Tips/Stainless Steel Bodies
18813	Ceramic Tweezers Pattern 74	Ceramic Tips/Stainless Steel Bodies
18814	Ceramic Tweezers Pattern 7MZ	Ceramic Tips/Stainless Steel Bodies

Aven Fiber Grip Tweezers

- Polished stainless steel tips firmly hold without contaminating
- Heat-resistant fiber grips protect your hands from heat while soldering
- Ideal for soldering, bending, separating and removing small items
- Cross-lock mechanism opens when pressed



18415

Product ID	Description
18415	Aven Fiber Grip Tweezers - Straight
18417	Aven Fiber Grip Tweezers - Curved

Aven Self Locking Tweezers

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Cross-lock mechanism opens when pressed and closes when released



18419

Product ID	Description
18419	Aven Self Locking Tweezers - Narrow
18421	Aven Self Locking Tweezers - Wide
18423	Aven Self Locking Tweezers - Narrow Short

Aven Cross Locking Tweezers

- Stainless steel finish provides excellent corrosion resistance
- Ideal for soldering and holding small parts



18428

Product ID	Description
18428	Aven Cross Locking Tweezers

Aven College Forceps w/Lock

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Curved tip is helpful when working in confined spaces



18400

Product ID	Description
18400	Aven College Forceps w/Lock

Aven College Forceps w/Alignment Pin

- Stainless steel finish provides excellent corrosion resistance
- Alignment pin keeps tips aligned under high stress applications
- Inside and outside serrations provide better gripping and handling



18402

Product ID	Description	Tip Style
18401	Aven College Forceps w/Alignment Pin	Straight, Serrated
18402	Aven College Forceps w/Alignment Pin	Curved, Serrated
18403	Aven College Forceps w/Alignment Pin	Offset Curved, Serrated
18438	Aven College Forceps w/Alignment Pin	Curved, Serrated

Aven Forceps w/Plastic Coated Tips

- Stainless steel finish provides excellent corrosion resistance
- Plastic coated tips provide chemical resistance
- Serrated handles provide better gripping



18430

Product ID	Description
18430	Aven 8" Forceps w/Plastic Coated Tips
18431	Aven 12" Forceps w/Plastic Coated Tips

Aven Forceps w/Straight Serrated Tips

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Long, straight tip is helpful when working in confined spaces
- Serrated handles provide better gripping



18436

Product ID	Description
18432	Aven 12" Forceps w/Straight Serrated Tips
18433	Aven 10" Forceps w/Straight Serrated Tips
18434	Aven 8" Forceps w/Straight Serrated Tips
18435	Aven 6" Forceps w/Straight Serrated Tips
18436	Aven 5" Forceps w/Straight Serrated Tips

Tweezers

Aven Utility Tweezers


18425

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Serrated handles provide better gripping

Product ID	Description	Tip Style
18425	Aven 7" Utility Tweezers - Curved	Curved, Serrated
18426	Aven 7" Utility Tweezers - Straight	Straight, Serrated

Aven 4 3/8" General Purpose Tweezers


18481

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Serrated handles provide better gripping

Product ID	Description	Tip Style
18481	Aven 4 3/8" Curved Tweezers	Curved, Serrated
18482	Aven 4 3/8" Tapered Tweezers	Tapered, Smooth

Aven Blunt Tip Tweezers


18481

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Serrated handles provide better gripping
- Blunt tips are useful for handling larger items

Product ID	Description	Tip Style
18486	Aven 3 1/8" Blunt Tweezers	Blunt, Smooth
18490	Aven 5 15/16" Blunt Tweezers	Blunt, Serrated
18492	Aven 10" Blunt Tweezers	Blunt, Serrated

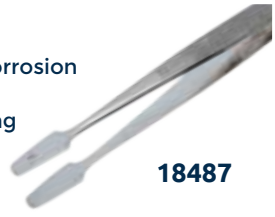
Aven 3" Sharp Tweezers


18483

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Medium-sharp, serrated tip is helpful when working in confined spaces
- Serrated handles provide better gripping

Product ID	Description	Tip Style
18483	Aven 3" Sharp Tweezers	Medium Sharp, Serrated

Aven 4 3/8" Spade Tweezers


18487

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Spade tip is helpful when working in confined spaces
- Serrated handles provide better gripping

Product ID	Description	Tip Style
18487	Aven 4 3/8" Spade Tweezers	Spade

Aven General Purpose Flat Tip Tweezers


18484

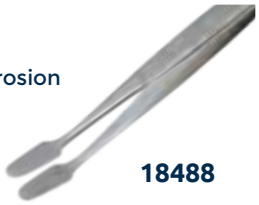

18485


18489

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items

Product ID	Description	Tip Style
18484	Aven 3 1/8" Tweezers	Sharp-Flat
18485	Aven 3 1/2" Tweezers	Sharp-Flat
18489	Aven 4 3/4" Smooth Tweezers	Sharp-Flat

Aven Offset Spade Tweezers


18488

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Spade tip is helpful when working in confined spaces
- Serrated handles provide better gripping

Product ID	Description	Tip Style
18488	Aven 4 1/8" Offset Spade Tweezers	Spade
18491	Aven 4 1/2" Offset Spade Tweezers	Spade

Aven Toothed Tissue Forceps


18494

- Stainless steel finish provides excellent corrosion resistance
- Ideal for bending, separating and removing small items
- Toothed models are ideal for handling the various thicknesses of tissues

Product ID	Description	Tip Style
18494	Aven Toothed Tissue Forceps	Toothed

Quick-Test Auto-Scanning Tweezers


18910

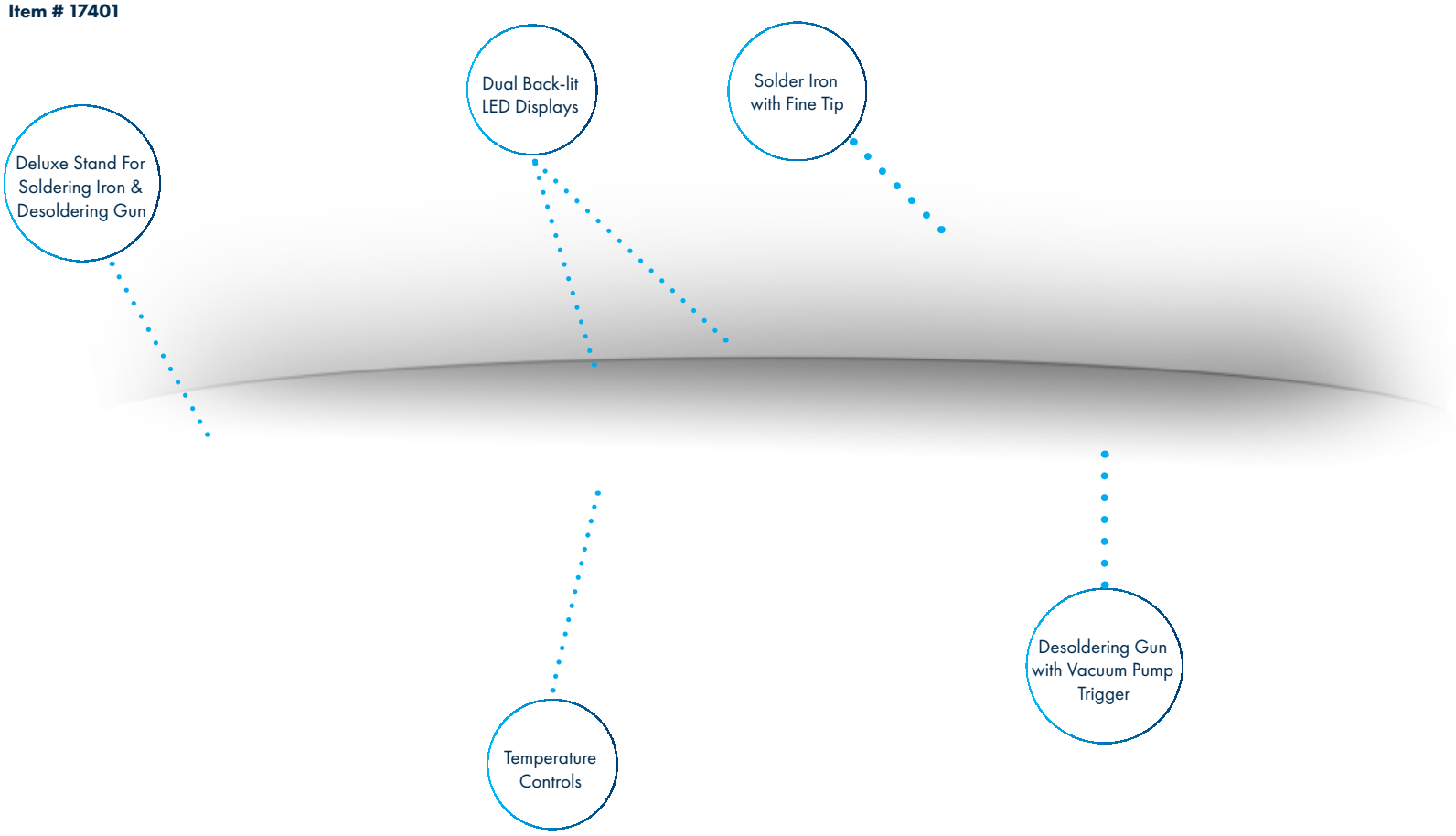
- Measures AC/DC voltage, resistance, continuity & diode test
- Auto Scanning Mode/Auto range
- Testing pins gold plated to reduce resistance and prevent rust
- Uses Lithium battery CR2032, included
- Will automatically identify whether component is a resistor, capacitor or diode

Product ID	Description
18910	Quick-Test Auto-Scanning Tweezers

Soldering & Desoldering

Tools for Advancing Innovation™

Item # 17401



Soldering & Desoldering in One Unit

Aven's 2-in-1 Soldering/Desoldering Station provides the flexibility of soldering and desoldering in one compact unit. Suitable for manual mounting and reworking of SMD components, audio equipment, RC hobbies and more.

Includes a vacuum-pump desoldering gun to melt and remove solder. Simply press the trigger to suck the molten solder into the barrel.

Comes complete with a deluxe stand to store the soldering iron and desoldering gun when not in use. This stand includes a cleaning sponge and a cleaning coil.

Soldering Iron	
Voltage	**24V**
Power Consumption	**MAX130W**
Temperature Range	**160-480 C**

Central Unit	
Power Supply	**110-130V**
Power Consumption	**184W**

Desoldering Gun	
Voltage	**24V**
Power Consumption	**MAX 200W**
Temperature Range	**160-480 C**
Pump Power	**600mm Hg**

Features

- Adjustable temperature from 160° - 480° C
- Dual LCD displays ensures easy and reliable temperature control
- Long life soldering/desoldering tips
- Vacuum pump desoldering tool with excellent thermal recovery - easily removes solder from PCB
- Ceramic heater
- Heats up rapidly
- Deluxe stand to store soldering iron and desoldering gun. Includes a cleaning sponge and coil.

Soldering & Desoldering

Soldering Station with LCD Display, ESD Safe 400 Series



17400

- High-quality sensor and heat exchange system guarantee precise temperature control at the soldering tip
- Soldering iron tool heats rapidly from room temperature to 350C in 30 seconds
- Suitable for general purpose soldering as well as specialized lead-free soldering applications
- Sponge and coiled brass tip cleaner ensure a clean soldering tip free from debris and corrosive material
- Strong, deluxe iron holder provides safe secure place to store heated iron between uses

Product ID	Description
17400	Soldering Station with LCD Display, ESD Safe 400 Series

Soldering Station with LCD Display, ESD Safe 405 Series



17405

- LCD temperature control display with blue backlight
- Long lasting, durable high - quality ceramic heater
- Sponge and recessed area provides a convenient method for cleaning the tip
- Suitable for general purpose soldering as well as specialized lead-free soldering applications
- Safety guard iron holder

Product ID	Description
17405	Soldering Station with LCD Display, ESD Safe 405 Series

Soldering Kit - 6pc



17501

- 40 Watt Soldering Iron heats up to 900° F
- Ideal for use on electrical/electronic components, audio equipment, etc.
- Includes desoldering pump for removing liquid solder
- Provides basic tools needed for many soldering projects
- 6 Pc kit comes complete with replaceable fine tip

Product ID	Description
17501	Soldering Kit - 6pc

B-Series Soldering Iron Tips



- Long life, lead-free soldering iron tips
- Includes two tips
- For use with 17510 Soldering Iron 80W

Product ID	Description
17510-B5-1	B-Series Soldering Iron Tips (B5-1)

Soldering Kit - 7pc



17502

- 40 Watt Soldering Iron heats up to 900° F
- Ideal for use on electrical/electronic components, audio equipment, etc.
- Includes desoldering pump for removing liquid solder
- Provides basic tools needed for many soldering projects
- 6 Pc kit comes complete with replaceable fine tip

Product ID	Description
17502	Soldering Kit - 7pc

Soldering Iron 80W with Fine Tip



17510

- Ideal for general purpose soldering applications including metal board, tube or large components
- Round, soft grip, non-slip handle
- Durable cord with a 5-foot reach
- Fitted with long life replaceable fine tip

Product ID	Description
17521	Soldering Iron 40W with Fine Tip

Soldering Iron 40W with Fine Tip



17521

- Ideal for general purpose soldering
- Round, soft grip, non-slip handle
- Durable cord with a 5-foot reach
- Fitted with long life replaceable fine tip

Product ID	Description
17521	Soldering Iron 40W with Fine Tip

N-Series Soldering Iron Tips



- Long life, lead-free soldering iron tips
- Replacement tips for soldering the different components of PCBs
- Five different sizes
- Includes two tips
- For use with 17400 & 17405 ESD Safe Soldering Stations with LCD Display

Product ID	Description
17400-N9-1	N-Series Soldering Iron Tips (N9-1)
17400-N9-2	N-Series Soldering Iron Tips (N9-2)
17400-N9-3	N-Series Soldering Iron Tips (N9-3)
17400-N9-4	N-Series Soldering Iron Tips (N9-4)
17400-N9-5	N-Series Soldering Iron Tips (N9-5)

Soldering & Desoldering

AVEN Tools for Advancing Innovation™

Dual Function Smoke Absorber & Bench Fan ESD Safe



17015

- Functions as a solder smoke absorber and a standard fan
- Compact & space-saving
- 10 speed settings
- Adjustable metal stand
- ESD safe
- Includes carbon filter for absorbing solder smoke

Product ID	Description
17015	Dual Function Bench Fan & Smoke Absorber

Lead Free Solder Pot 200W



17100-200

- Heating element liquifies solder quickly and provides excellent thermal stability
- Crucible is made from stainless steel with titanium plating, featuring corrosion resistance and prolonged service life
- Suitable for melting solder, plastic, resin and more
- Ideal for tinning ends of stranded wire leads, pre-tinning small electrical parts and dip soldering small circuit boards

Product ID	Description	Solder Pot Capacity
17100-200	Lead Free Solder Pot 200W	800g
17100-150	Lead Free Solder Pot 150W	500g
17100-100	Lead Free Solder Pot 100W	250g

Lead Free Solder Pot 300W

17100-300



- Heating element liquefies solder quickly and provides excellent thermal stability
- Crucible is made from stainless steel with titanium plating, featuring corrosion resistance and prolonged service life
- Suitable for melting solder, plastic, resin and more
- Ideal for tinning ends of stranded wire leads, pre-tinning small electrical parts and dip soldering small circuit boards

Product ID	Description	Solder Pot Capacity
17100-200	Lead Free Solder Pot 300W	1300g

Desoldering Pump - High Impact Plastic 13"



17535

- Durable corrosion resistant plastic construction with precision metal plunger
- Cushioned shock reduction minimizes board damage
- Teflon (PTFE) non-stick coated tip
- Easy to clean one-touch cylinder

Product ID	Description
17535	Desoldering Pump - High Impact Plastic 13"

Desoldering Pump - ESD Safe Plastic 8.5"



17536

- Durable corrosion resistant plastic construction
- Easy to clean one-touch cylinder
- Cushioned shock reduction minimizes board damage

Product ID	Description
17536	Desoldering Pump - ESD Safe Plastic 8.5"

Desoldering Pump - Metal Body 7.5"



17537

- Durable corrosion resistant aluminum construction with precision metal plunger
- Cushioned shock reduction minimizes board damage
- Push Button for Easy Plunger Release
- Easy to clean one-touch cylinder

Product ID	Description
17537	Desoldering Pump - Metal Body 7.5"

Desoldering Wick 2.5mm with Dispenser Wheel and 4 Replacement Spools



17545

- 2.5mm desoldering wick with thumb wheel dispenser.
- 4 replacement desoldering wick spools.
- Desoldering wick quickly absorbs excess solder.
- The dispenser keeps the thread sealed, prolonging the life of the desoldering wick.
- Built-in thumb wheel is designed to provide easy flow control of the wick

Product ID	Description
17545	Desoldering Wick 2.5mm with Dispenser Wheel and 4 Replacement Spools

Solder Core Wire



17555

17551

- Good solderability, no spattering and non-corrosive
- Leaded solder 60/40 | Lead-free solder 99.3/0.7
- 360-440° F melting point
- 1-1.2mm diameter solder available
- Ideal for use on PCB, electronic devices and fine electrical soldering

Product ID	Description
17553	Solder 100g 1.2mm 60/40
17555	Solder 100g 1.0mm 60/40
17553LF	Solder 100g 1.2mm Lead Free
17555LF	Solder 100g 1.0mm Lead Free
17551	Solder in Tube 1.0mm 60/40
17552	Solder in Tube 1.2mm 60/40
17551LF	Solder in Tube 1.0mm Lead Free
17552LF	Solder in Tube 1.2mm Lead Free

Soldering & Desoldering

Desoldering Wick

- Made of clean, oxide-free copper wire
- Tight weave enables quick "on and off" desoldering
- Concentrated fine copper braiding utilizes less length of wick for each desoldering application
- RoHS compliant



17542

Product ID	Description
17540	Desoldering Wick 1.5mm (0.06")
17541	Desoldering Wick 2mm (0.08")
17542	Desoldering Wick 2.5mm (0.1")
17545	Desoldering Wick 2.5mm with dispenser case and 4 1.5M replacement cores

Benchtop Smoke Absorber

- Removes flux fumes from soldering work bench
- Fumes absorbed by carbon activated filter
- Fan is quiet and will not add significant noise to your workspace
- Stand allows the smoke absorber to be adjusted to varying angles



17701

Product ID	Description
17701	Benchtop Smoke Absorber
17701F	Carbon Activated Filter 3pcs with PVC Bag

Aven Heat Guns

- Heats Up Quickly
- 3 Nozzle Attachments For a Variety of Applications
- Durable Construction
- Compact, Ergonomic Design
- Adjustable Heat Control

17602



17601

Product ID	Description
17601	Heat Gun 1500W with Adjustable Temperature Control
17602	Heat Gun 1500W with Digital Temperature Control

Solder Reel Stand

- Allows solder wire to be drawn out smoothly
- Compact design keeps work benches neat and orderly
- Holds up to 1kg (approximately 2lbs.) roll of solder wire
- Solder reel stand is the ideal solution for easy soldering wire supply

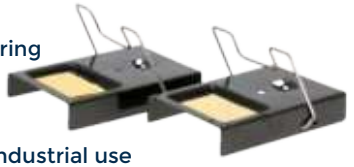


17560

Product ID	Description
17560	Solder Reel Stand

Soldering Iron Stands

- Ideal for holding pencil type soldering irons
- Weighted metal base features built in sponge tray
- Designed to withstand everyday industrial use
- Two per pack



17533

Product ID	Description
17533	Solder Iron Stands

Soldering Iron Stand with Soft Coiled Brass Tip Cleaner

- Replaceable soft coiled brass tip cleaner
- Cleans tip without messy wet sponges
- Uses low abrasive brass, no water needed
- Works with any tip
- Lengthens tip life by reducing oxidation
- Sturdy heavy duty stand with built-in tip cleaner

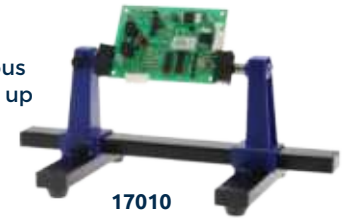


17530

Product ID	Description
17530	Soldering Iron Stand with Soft Coiled Brass Tip Cleaner
17530-TC	Soft Coiled Brass Tip Cleaner

Adjustable Circuit Board Holder

- Retractable to accommodate various board sizes up to 198mm wide and up to 4mm thick
- Clamps allow PCB to rotate 360°
- Rigid metal structure
- Rubber feet of the base ensure stability
- Ideal for clamping PCB, for soldering/desoldering or rework



17010

Product ID	Description
17010	Adjustable Circuit Board Holder

Helping Hands Magnifier with Clamps

- Useful auxiliary tool in soldering, model making and other hobbies
- Heavy-duty cast iron base provides stability
- Magnifier can be swiveled and fixed to desired position or angle
- Two alligator spring clips that hold work firmly in any position
- 2x magnifier is removable



26000

Product ID	Description
26000	Helping Hands Magnifier with Clamps

Soldering & Desoldering

Soft Coiled Brass Tip Cleaner

- Helps reduce contaminants
- Keeps tip temperature constant
- Ideal for lead free solder



17530-TC

Product ID	Description
17530-TC	Soft Coiled Brass Tip Cleaner

Long Trigger Hot Glue Gun

- Easy reach long trigger provides smooth glue control
- Narrow nozzle for precise glue application
- Heats up quickly



17610

Product ID	Description
17610	Long Trigger Hot Glue Gun

Hot Glue Gun 60W with Plastic Case

- Narrow nozzle for precise glue application
- Temperature dial (180°-240° C)
- Ergonomic hand grip



17621

Product ID	Description
17621	Hot Glue Gun 60W wih Plastic Case

Hot Glue Gun 25W with Plastic Case

- Narrow nozzle for precise glue application
- Ergonomic hand grip
- Easy reach trigger



17620

Product ID	Description
17620	Hot Glue Gun 60W wih Plastic Case

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