810 Fiber Optic Inspection Tool

810 APPLICATIONS

HVAC

- Perform non-destructive inspections of heat exchangers
- Examine heating and cooling ductwork integrity
- Check for blocked evaporator coils in air conditioning equipment
- Inspect boilers without costly disassembly
- Look inside oil burning furnaces for igniter components
- Use to show customers visual evidence of a cracked heat exchanger

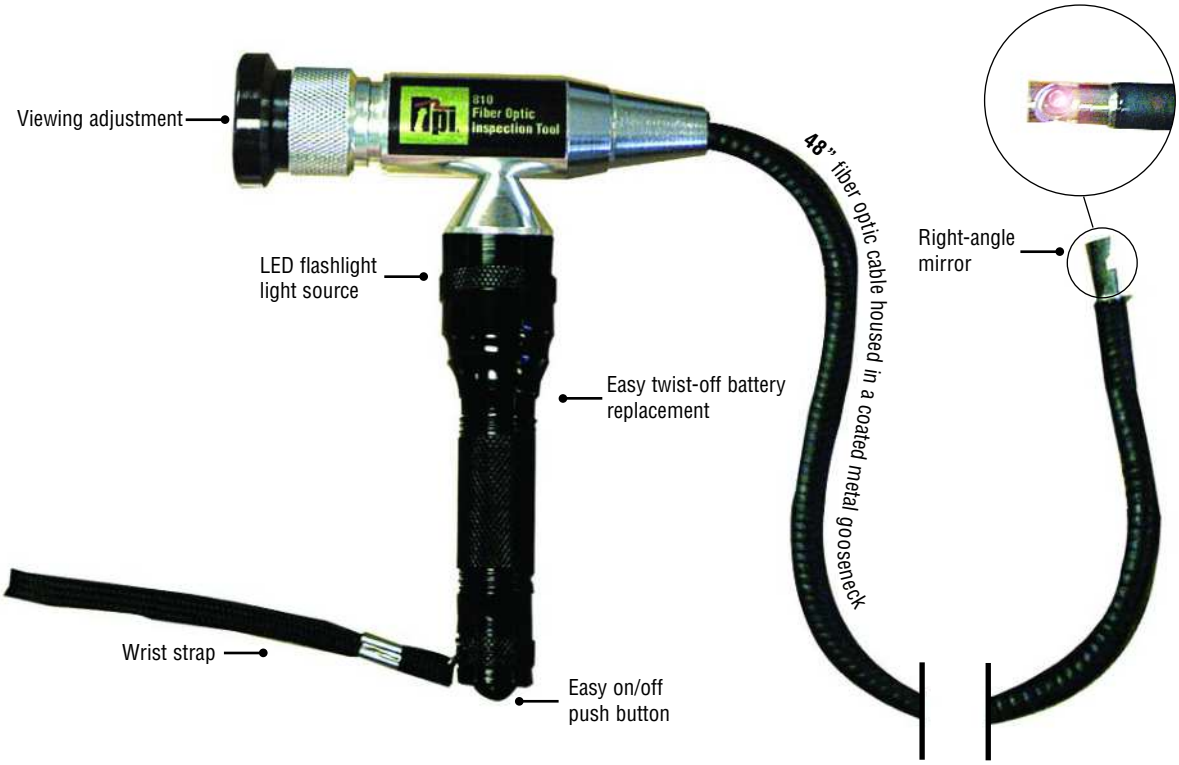
INDUSTRIAL

- Inspect the integrity of weld in pipes and tanks
- Examine gear and bearing surfaces without equipment disassembly
- Perform motor inspection and diagnostics

HOME INSPECTION

- Check the quality of pipes and ducts
- Inspect wire integrity and placement
- Look inside walls and crawl spaces
- View insulation in walls or attics

The Value Leader™



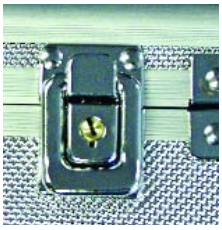
FEATURES

- Hi-resolution 8,000 pixel image offers enhanced vision and clarity
- Obedient wand maintains position after adjustment and protects fiber optic bundle
- Sealed tip for use in for noncorrosive liquids
- Optional LED light source to detect UV dye
- Machined aluminum housing is rugged and durable
- Super bright LED flashlight light source provides longer battery life with no bulb replacement necessary
- Coated flexible fiber optic cable for accessibility to tight areas with bends and curves
- 45° Glass inspection mirror for side viewing
- One-hand focus adjustment
- Compact aluminum carrying case with locking latches
- One year limited warranty

HEAVY DUTY CARRYING CASE

Easy handling and storage for the 810 Fiber optic inspection tool





LOCKING HINGES

Help prevent theft and keep the 810 secure inside the case

REMOVEABLE RIGHT ANGLE MIRROR

Perform inspections in hard-to-reach areas where side vision is needed



Specifications

TPI offers a complete line of…

- CO, Combustibles & Combustion (CEA)
- Refrigerant Leak Detectors
- Digital Manometers
- Temperature Contact & IR Instruments
- IAQ: Air Flow & Humidity
- Handheld Oscilloscopes
- Digital Multimeters & Clamp-on Meters
- Accessories & Kits

Test Products International, Inc.
Headquarters:
9615 SW Allen Blvd.
Beaverton, OR 97005
USA
503-520-9197
Fax: 503-520-1225
e-mail:
info@tpi-thevalueleader.com

Test Products International, Ltd.
342 Bronte St. South
Unit #9
Milton, Ontario L9T 5B7
Canada
905-693-8558
Fax: 905-693-0888
e-mail:
info@tpicanada.com

Test Products International UK Ltd.
Longley House,
East Park
Crawley, West Sussex
RH10 6AP England
Tel:
+44 (0)1293 561212
Fax:
+44 (0)1293813465
contactus@tpieurope.com

Technical Specifications

Optical system	Pixels	8,000
	Field of view	45°
	Depth of obeservation	1 in to 6 in (25mm to 150mm)
Minimum focus distance	1" (25mm)	
Maximum bend radius	4" (100mm)	
Tip diameter	.26 in (6.6mm)	
Shaft diameter	.39 in (1.0mm)	
Working length	48 in (1,220mm)	
Overall length	52 in (1,320mm)	
Net weight	.79 lb (360g)	
Operating temperature	50°F to 140°F (10° to 60°C)	
Carrying case	13 x 10 x 2.75 in (330mm x 250mm x 70mm)	

Side Viewing Adapter

Viewing angle	90°
Field of view	45°
Depth of observation	1 in to 6 in (25mm to 150mm)
Tip diameter	.35 in (9mm)

Standard Accessories

A801	Heavy duty carrying case for the 810
A811	45° side view mirrow
A002	1.5V battery (2)
A013	keys for A801 heavy duty carrying case
A812	flashlight for 810 fiber optic inspection tool

Optional Accessories

A813	blue LED flashlight for UV dye
A814	magnet for 810

Distributed By:



To learn about the entire line of TPI products visit:

www.tpi-thevalueleader.com

L 810-1006 Copyright © 2006 Test Products International, Inc.