Data Sheet

Manual Force Test Stand **ES30**

The ES30 is a versatile test stand ideal for many compression and tensile testing applications. It can accept a wide variety of sample shapes and sizes and can be configured in many positions due to modular design. Convenient side-mounted hand wheel operation enables the user to easily and accurately test up to 200 lbF (1 kN) of force, with repeatable results. Use the ES30 with any Mark-10 force gauge and force gripping fixtures to create a complete testing solution.



The ES30 is shown in a typical peel testing application, with Series 5 digital force gauge, digital travel display, and film & paper grips.

Specifications

Load capacity:	200 lbF [1,000 N]
Loading method:	Side-mounted hand wheel
Maximum travel:	13 in [330 mm]
Travel Rate:	0.05 in [1.27 mm] per rev.
Warranty:	3 years (see individual statement for details)

Optional Equipment

Digital travel display ESM001	6 in [150 mm] travel, 0.0005 in [0.01 mm] resolution (150 mm x 0.01), SPC output for automated data collection.
Digital travel display ESM004	Same as above, 12 in [300 mm] travel.
Column extensions	Available in 6 in, 12 in, and 24 in, and custom lengths



Digital travel display

In The Box

The ES30 test stand is shipped as shown at right, and includes the following accessories:

(1) G1028 small hook

(1) G1038 medium hook

(1) G1009 compression plate, 2" dia.

(1) G1039 coupling, #10-32F/F

(1) Allen wrench set

(1) Hand wheel

(4) Thumb screw for force gauge



MARK-10®

Mark-10 Corporation ■ **www.mark-10.com** ■ **info@mark-10.com**

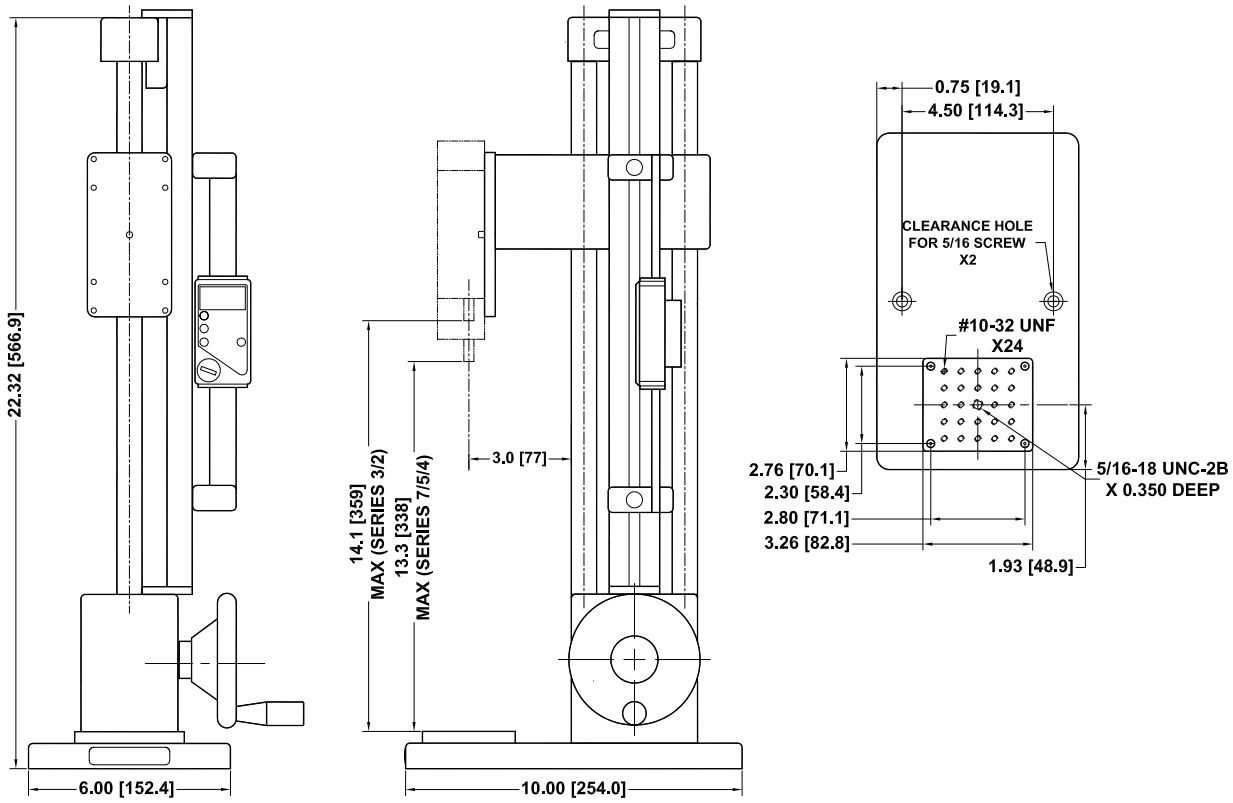
Toll-free: 888-MARK-TEN ■ **Tel: 631-842-9200** ■ **Fax: 631-842-9201**

3 YEAR WARRANTY

Specifications subject to change without prior notice

Dimensions

in [mm]



Ordering Information

Model No.	Description
ES30	Test stand, 200 lbF
ESM001	Digital travel display, 6”
ESM004	Digital travel display, 12”
ESM003-1	Column extension for ES30, 6”
ESM003-2	Column extension for ES30, 12”
ESM003-3	Column extension for ES30, 24”