

# Data Sheet Manual Force Test Stand ES30

32-1048 REV 1020

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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.

## Specifications

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

## Optional Equipment

<b>Digital travel display ESM001</b>	6 in [150 mm] travel, 0.0005 in [0.01 mm] resolution (150 mm x 0.01), SPC output for automated data collection.
<b>Digital travel display ESM004</b>	Same as above, 12 in [300 mm] travel.
<b>Column extensions</b>	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:

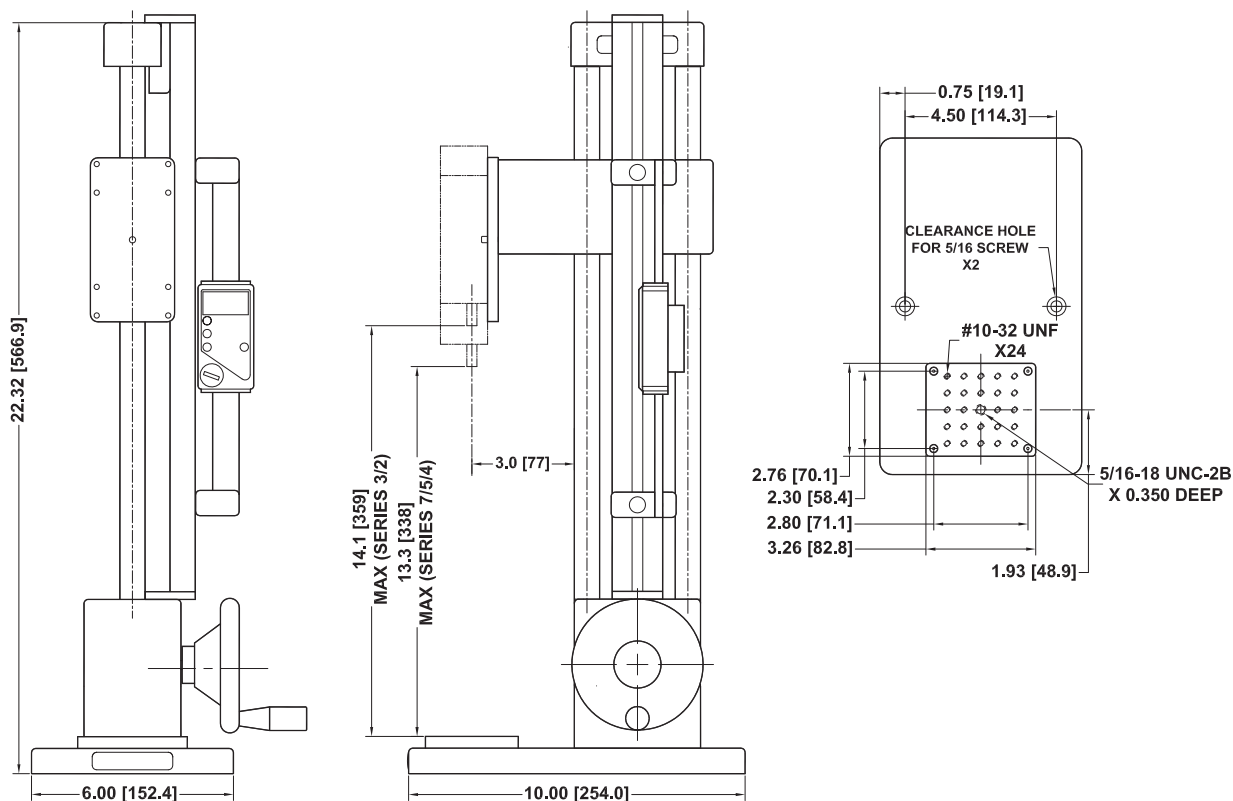
- (1) G1024 extension rod, 2"
- (1) G1028 small hook
- (1) G1038 medium hook
- (1) G1009 compression plate, 2" dia.
- (1) G1039 coupling, #10-32F/F
- (1) Allen wrench set
- (1) Hand wheel
- (4) Thumb screw for force gauge



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

## 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"