

Data Sheet

Manual Force Test Stand ES30

32-1048 REV 3

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

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.
Included accessories:	Extension rod, small hook, medium hook, #10-32 coupler, compression plate, force gauge mounting hardware
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), 0.001 in [0.03 mm] accuracy, SPC output for automated data collection.
Digital travel display ESM004	12 in [300 mm] travel, 0.0005 in [0.01 mm] resolution (300 mm x 0.01), 0.001 in [0.03 mm] accuracy, SPC output for automated data collection.
Column extensions	Available in 6 in, 12 in, and 24 in, and custom lengths

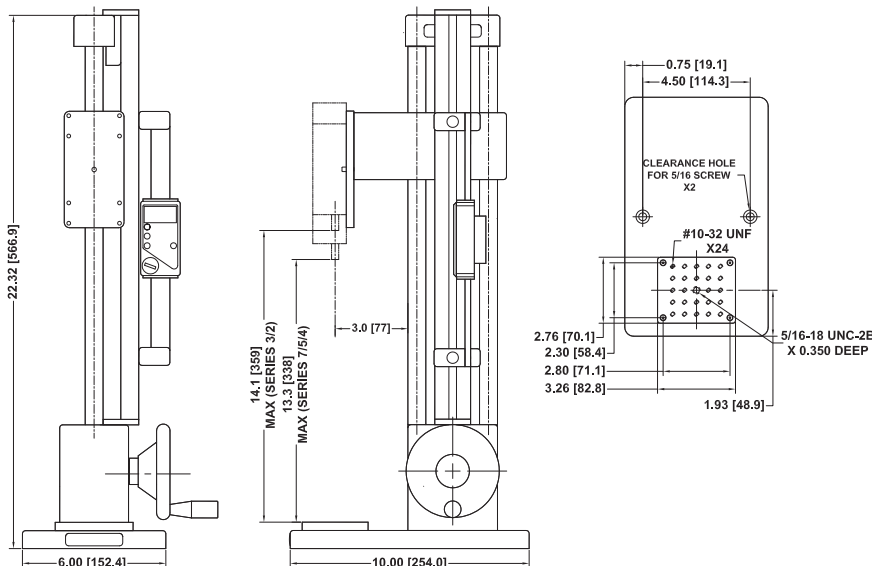
>> Digital travel display



The ES30 is shown in a typical compression testing application, with Series 5 digital force gauge, digital travel display, and attachments

Dimensions

in [mm]



Ordering Information

Model No.	Description
ES30	Test stand, 200 lbf
ESM001	Digital travel display
ESM003-1	Column extension for ESM/ES30, 6"
ESM003-2	Column extension for ESM/ES30, 12"
ESM003-3	Column extension for ESM/ES30, 24"