

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] |
| Maximum travel: | 13 in [330 mm] |
| Loading method: | Side-mounted hand wheel |
| Travel rate: | 0.05 in [1.27 mm] per rev. |
| Weight: | 17 lb [7.7 kg] |
| Included accessories: | Extension rod, small hook, medium hook, #10-32 coupler, compression plate, force gauge mounting hardware |
| Warranty: | 3 years (see individual statement for further details) |

Optional Equipment

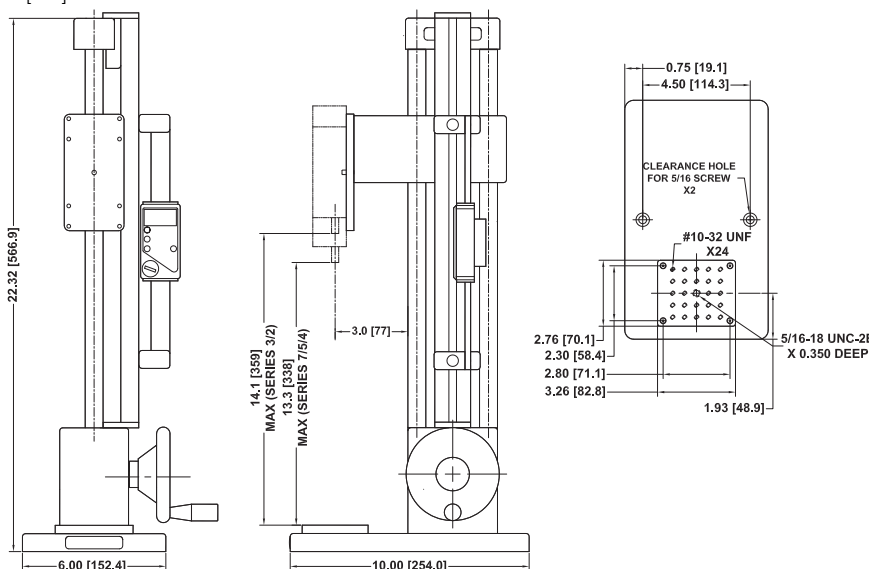
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|-------------------------------|---|
| Digital travel display ESM001 | 6 in [150 mm] travel, 0.0005 in [0.01 mm] resolution (150 mm x 0.01), 0.001 in [0.03 mm] accuracy, SPC output for automated data collection. |
| Digital travel display | 12 in [150 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



Dimensions

in [mm]



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

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" |