

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:

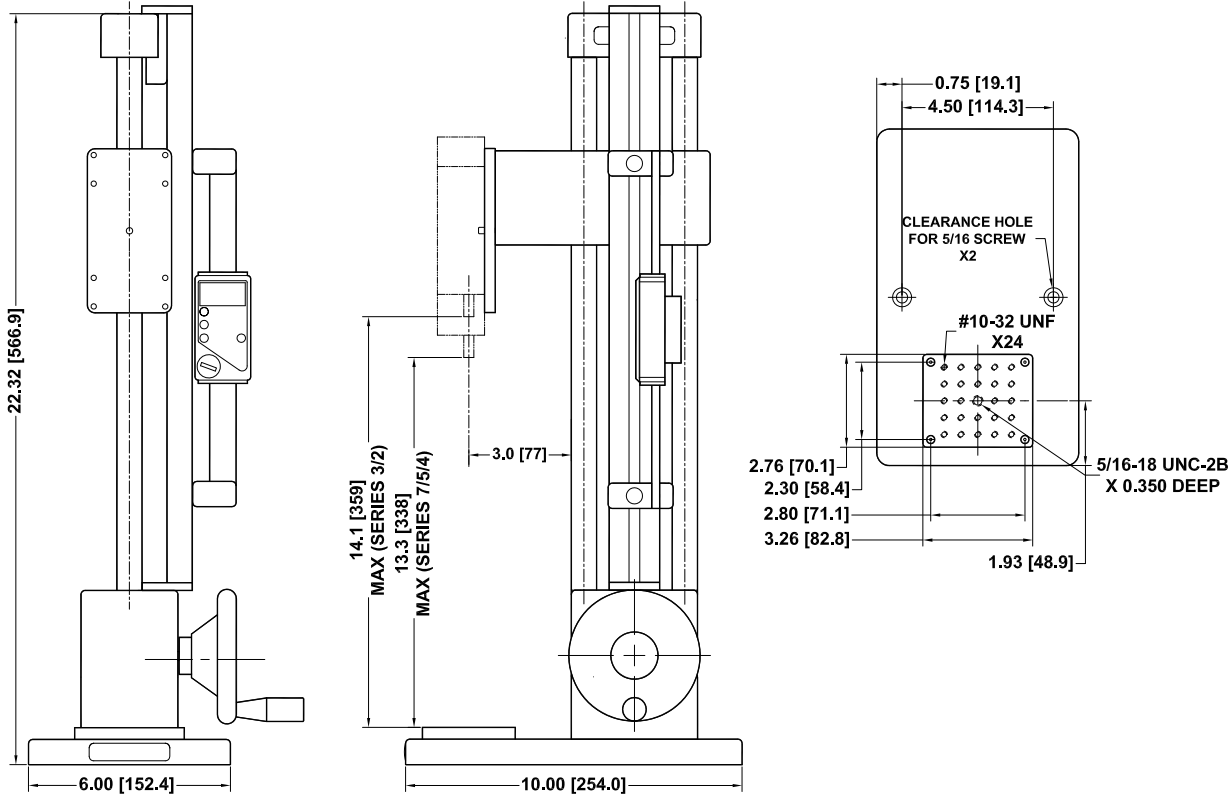
- (1) G1028 small hook
- (1) G1038 medium hook
- (1) G1009 compression plate, 2" dia.
- (1) G1039 coupling, #10-32F/F
- (1) Allen wrench set
- (1) Hand wheel
- (4) Thumb screw for force gauge



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" |