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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**

| 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<br>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<br>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





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



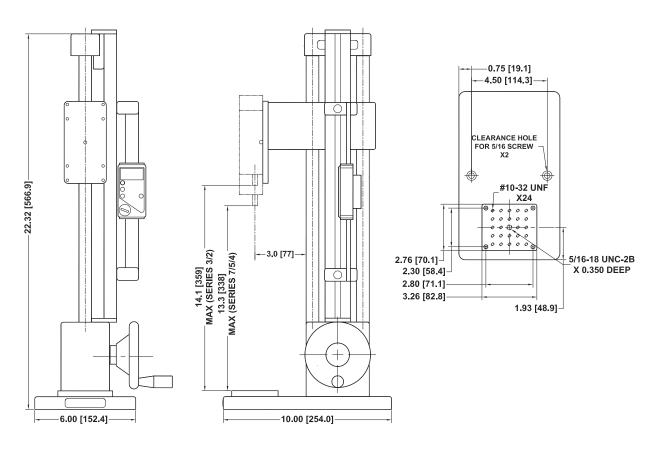




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## **Dimensions**

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" |



