

The lever operated TSA750 is ideal for quick-action testing of up to 750 lbF (3.75 kN) of tensile or compressive force. Made of rugged components, this test stand is durable enough for the factory floor, yet precise enough for laboratory environments. The loading lever can be positioned in 30° increments and the adjustable precision ground rack and pinion mechanism assures smooth, precise motion through 6 in of travel.

The test stand includes adjustable travel stops and a frictional low force brake. It is available in vertical and horizontal orientations. Use this test stand with Mark-10 force gauges and gripping fixtures to create a complete push/pull testing system.

## Specifications

|                              |   |
|------------------------------|---|
| <b>Load Capacity:</b>        | 750 lbF [3.75 kN]   |
| <b>Maximum Travel:</b>       | With travel stops: 2.75 in [69.9 mm]<br>Without travel stops: 6 in [152.4 mm]       |
| <b>Loading method:</b>       | Rack and pinion, lever can be positioned in 30° increments                          |
| <b>Travel Rate:</b>          | 3 in [76.2 mm] per lever rev.   |
| <b>Weight:</b>               | TSA750: 16 lb [7.3 kg]<br>TSA750H: 13 lb [5.9 kg]                                   |
| <b>Included accessories:</b> | Tool kit, medium hook, large hook, compression plate, force gauge mounting hardware |
| <b>Warranty:</b>             | 3 years (see individual statement for further details)                              |

## Optional Equipment

|  |  |
|--|--|
| <b>Digital travel display TSA001</b>         | 6 in [150 mm] travel, 0.0005 in [0.01 mm] resolution, 0.001 in [0.03 mm] accuracy, SPC output for data collection.   |
| <b>Horizontal / wall mounting kit TSA002</b> | Converts the TSA750 to a TSA750H   |
| <b>Indicator mounting kit</b>                | If a indicator with remote sensor is used with AC1004 the TSA750/TSA750H, the indicator can be securely mounted to the side of the column with this adapter. |

» Digital travel display



## Ordering Information

| Model No. | Description                                     |
|-----------|---|
| TSA750    | Test stand, lever-operated, 750 lbF, vertical   |
| TSA750H   | Test stand, lever-operated, 750 lbF, horizontal |
| TSA001    | Digital travel display for TSA750/TSA750H       |
| TSA002    | Horizontal / wall mounting kit                  |
| AC1004    | Mounting kit, Indicator to TSA750/TSA750H       |



TSA750

TSA750H

The TSA750 and TSA750H are shown testing the peel force of a sample, with a Series 5 digital force gauge, and film & paper grips

## In The Box



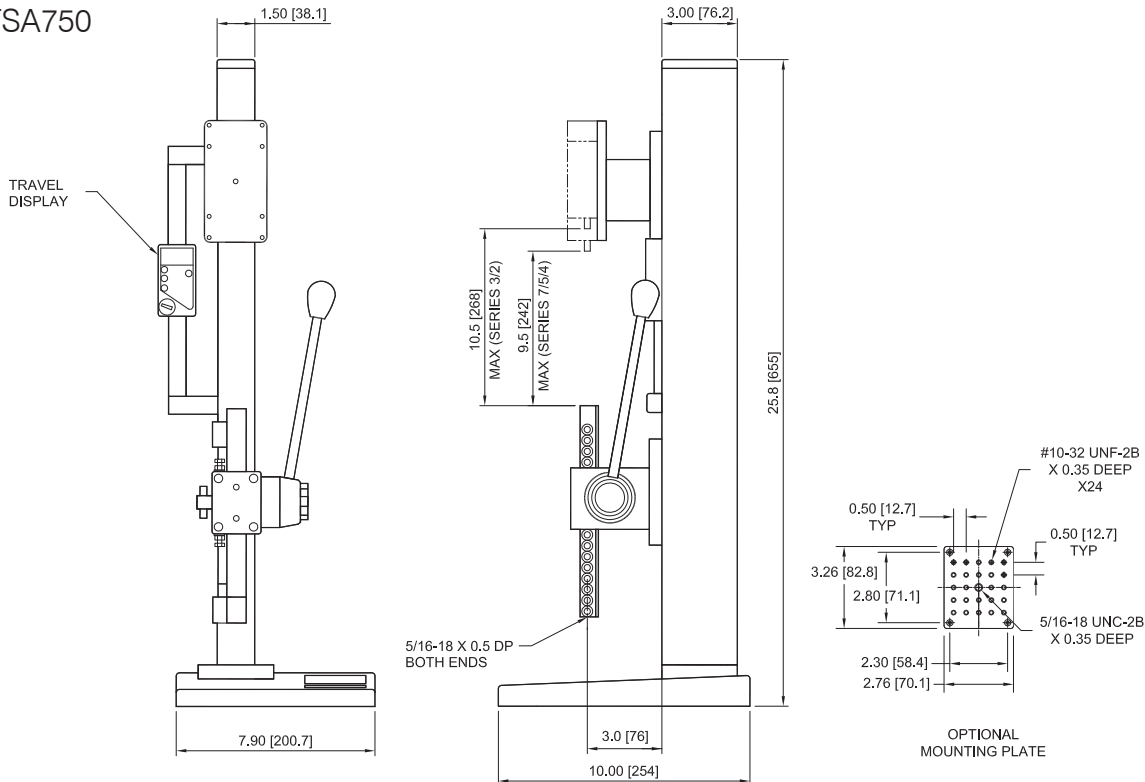
The TSA750 and TSA750H test stands are shipped as shown above, and include the following accessories:

- (1) G1028 small hook
- (1) G1038 medium hook
- (1) G1009 compression plate, 2" dia.
- (2) #10-32 stud with jam nuts
- (4) Thumb screw for force gauges with 0.12 - 500 lbF capacities
- (4) Thumb screw for force gauges with 1,000 - 2,000 lbF capacities
- (1) Allen wrench set
- (1) Resource CD
- (1) Base (TSA750)
- (2) Mounting leg with hardware (TSA750H)
- (1) Additional column cap with hardware (TSA750H)

## Dimensions

in [mm]

### TSA750



### TSA750H

