

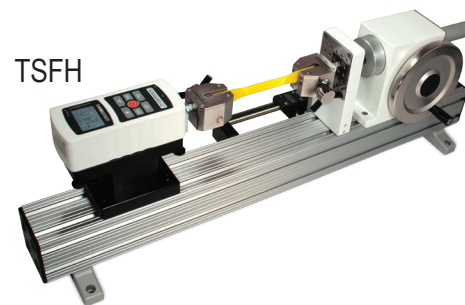
The TSF test stand is ideal for spring testing, destructive testing, product integrity testing, and other applications requiring up to 1,000 lbF (5,000 N) of push or pull force. The stand features a large side mounted hand wheel requiring minimal user effort and a rigid 3" x 3" column. A removable steel loading surface with threaded holes for fixture and grip mounting adds flexibility for many testing applications, and a solid metal base (TSF) contains a storage pocket and holes for bench mounting. Available in vertical and horizontal orientations.

## Specifications

<b>Load Capacity:</b>	1,000 lbF [5,000 N]
<b>Maximum Travel:</b>	4.0 in [102 mm]
<b>Loading method:</b>	Side-mounted hand wheel
<b>Travel rate:</b>	0.013 in [0.34 mm] per wheel rev.
<b>Weight:</b>	TSF: 33 lb [14.5 kg] TSFH: 27 lb [12.3 kg]
<b>Warranty:</b>	3 years (see individual statement for further details)

## Optional Equipment

<b>Digital travel display TSF001</b>	6 in [150 mm] travel, 0.0005 in [0.01 mm] resolution, SPC output for data collection.
<b>Horizontal / wall mounting kit TSF002</b>	Converts the TSF to a TSFH
<b>Indicator mounting kit AC1004</b>	If a indicator with remote sensor is used with the TSF/TSFH, the indicator can be securely mounted to the side of the column with this adapter.



The TSF is shown testing a compression spring, with a Series 5 digital force gauge and digital travel display

The TSFH is shown in a tensile test, with Series 5 digital force gauge, film and paper grips, and digital travel display

## In The Box

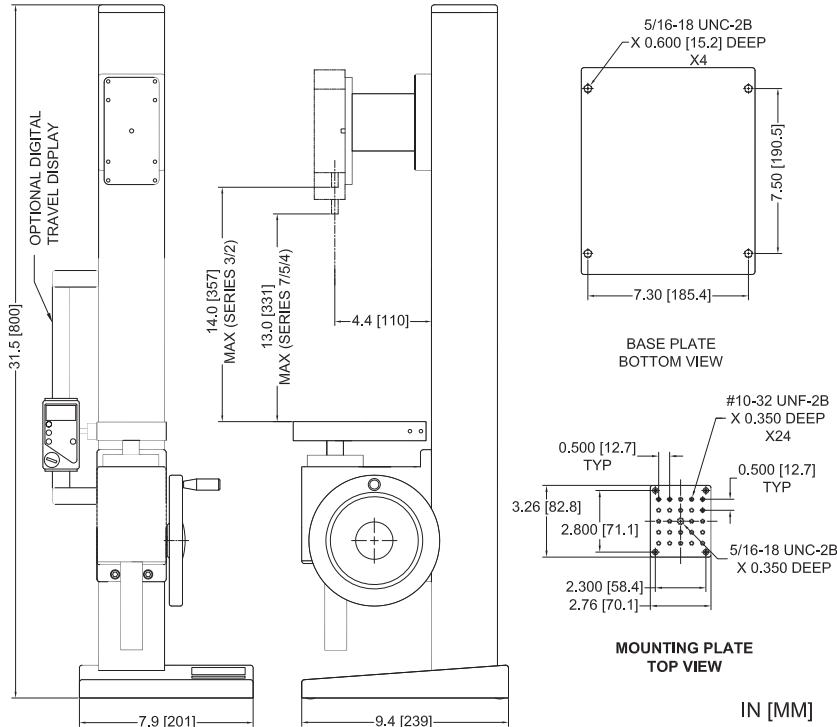
The TSF and TSFH test stands are shipped as shown at right, and include the following accessories:

- |   |  |
|---|--|
| (1) G1028 small hook  | (4) Thumb screw for force gauges with 1,000 - 2,000 lbF capacities |
| (1) G1038 medium hook   | (1) Allen wrench set   |
| (1) G1035 large hook  | (1) Resource CD  |
| (1) G1042 extra large hook                                      | (1) Base (TSF)   |
| (1) G1009 compression plate, 2" dia.                            | (2) Mounting leg with hardware (TSFH)                              |
| (1) G1009-1 compression plate, 3" dia.                          | (1) Additional column cap with hardware (TSFH)                     |
| (2) #10-32 stud with jam nuts                                   |  |
| (1) 1/2-20F adapter plate                                       |  |
| (4) Thumb screw for force gauges with 0.12 - 500 lbF capacities |  |

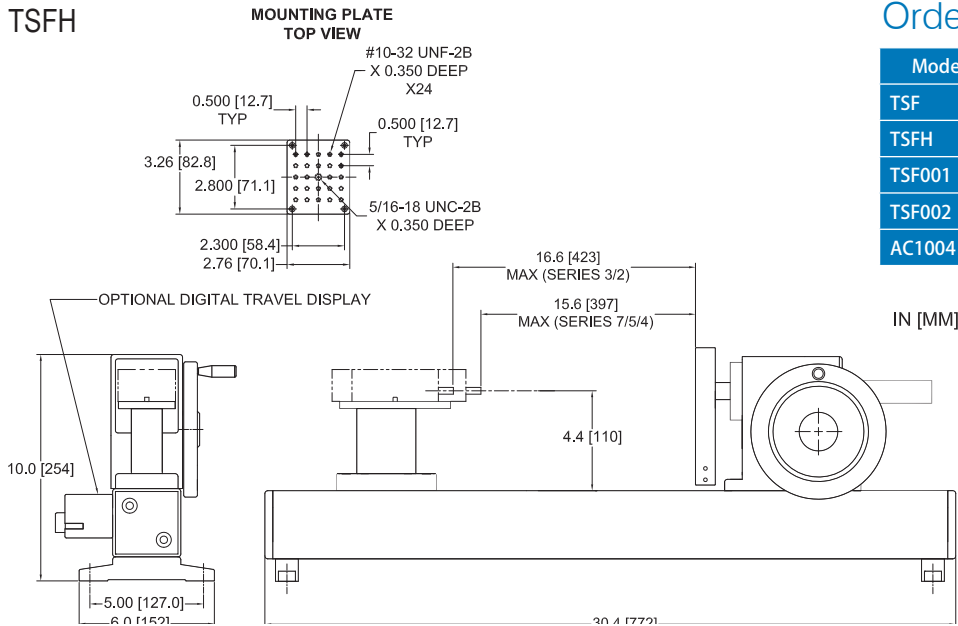


## Dimensions

### TSF



### TSFH



## Ordering Information

Model No.	Description
TSF	Test stand, hand wheel-operated, 1000 lbF, vertical
TSFH	Test stand, hand wheel-operated, 1000 lbF, vertical
TSF001	Digital travel display for TSF/TSFH
TSF002	Horizontal / wall mounting kit for TSF/TSFH
AC1004	Mounting kit, Indicator to test stand