

32-1053 REV 3

The TSC1000 test stand is ruggedly built for testing up to 1,000 lbf (5 kN) of compression or tension force. A large hand wheel requires little effort, even at high loads, and a precision Acme screw and nut ensures smooth operation over time. The stand includes a loading table with threaded holes for fixture or grip mounting and a solid metal base (TSC1000) contains a storage pocket and holes for bench mounting. Available in vertical and horizontal configurations.

Specifications

Load Capacity:	1000 lbf [5 kN]
Maximum Travel:	3.50 in [89 mm]
Loading method:	Hand wheel
Travel Rate:	0.1 in [2.5 mm] per hand wheel rev
Weight:	TSC1000: 25 lb [11.4 kg] TSC1000H: 20 lb [9.0 kg]
Included accessories:	Tool kit, medium hook, large hook, 2 in dia. compression plate, 1/2-20F mounting plate, force gauge mounting hardware
Warranty:	3 years (see individual statement for further details)

Optional Equipment

Digital travel display TSC001	6 in [150 mm] travel, 0.0005 in [0.01 mm] resolution, 0.001 in [0.03 mm] accuracy, SPC output for data collection.
Horizontal / wall mounting kit TSA002	Converts the TSA750 to a TSA750H
Indicator mounting kit AC1004	If a Mark-10 indicator with remote sensor is used with the AC1004 and TSC1000/TSC1000H, the indicator can be securely mounted to the side of the column with this adapter.

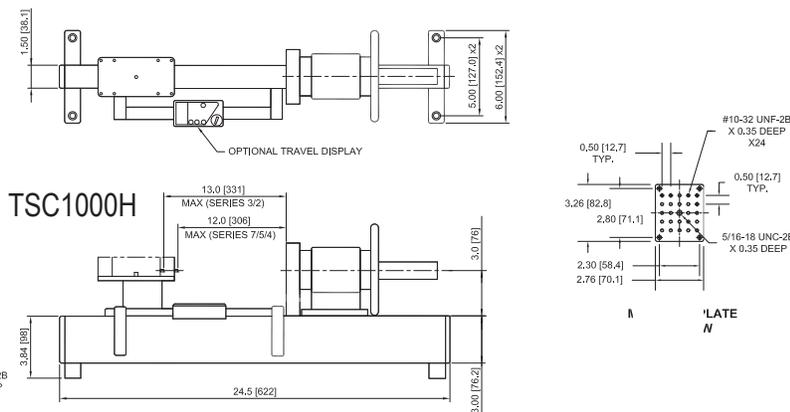
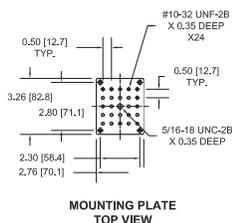
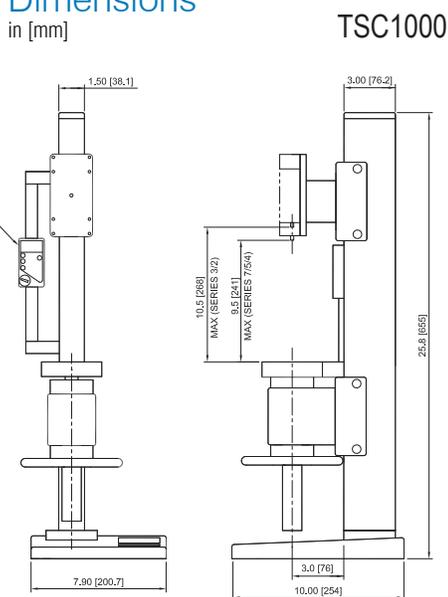


The TSC1000 and TSC1000H are shown in a tension spring testing application, with Series 5 digital force gauge, digital travel display, and hooks

>> Digital travel display



Dimensions in [mm]



Ordering Information

Model No.	Description
TSC1000	Test stand, lever-operated, 1000 lbf, vertical
TSC1000H	Test stand, hand wheel-operated, 1000 lbf, horizontal
TSC001	Digital travel display for TSC/TSCH
TSA002	Horizontal / wall mounting kit for TSC
AC1004	Mounting kit, Indicator to test stand

