

MARK-10

ES30/ST

- TENSION & COMPRESSION
- CAPACITY: 200 lbf/100 kgf/1000 N
- DIGITAL FORCE & TRAVEL DISPLAY
- PRECISION HANDWHEEL DRIVE
- FORCE TESTING SOFTWARE
- ECONOMICAL PRICE



ES30/ST
Manual Handwheel Spring Tester

Made in America, the ES30/ST Spring Tester provides tension and compression testing to 200 lbf / 100 kgf / 1000 N with precise handwheel and worm drive elevating mechanism for gradual repeatable force application.

Force data is displayed by a selection of digital force gauges, basic and advanced - providing optional computer output and many other features.

Travel data is displayed by a digital travel display with computer output.

MESURgauge innovative force testing software provides easy set up and extremely user friendly data logging and graphing of force vs. distance.

CONSTRUCTION

- Stainless steel columns and handwheel worm drive.
- Column length of 22" [560 mm], other lengths available.
- Removable base plate with pattern of 25 #10-32 threaded holes.
- Maximum vertical clearance: approx. 14" [355 mm] depending on gage.
- Maximum vertical travel 13" [330 mm].
- Maximum horizontal clearance 3" [75 mm].
- Travel rate: 0.05" [1.3 mm] per handwheel revolution.

OPERATION

- Precise handwheel tension and compression testing.
- Compression testing with 2" [50 mm] diameter plate.
- Tension testing with force gauge and test stand hooks.

ACCESSORIES

- Included: 2" [50 mm] diameter compression platen, small and large hooks, force gauge mounting and tool kit.

WEIGHT & DIMENSIONS

- 17 lb [8 kg] • 22" [560 mm] H x 6" [150 mm] W x 10" [255 mm] D

MODEL	DESCRIPTION	PRICE
ES30ST-100	Manual Spring Tester - 100 lbf/50 kgf/500 N	\$2575*
ES30ST-200	Manual Spring Tester - 200 lbf/100 kgf/1000 N	2775*
ESM001	Digital Travel Display - 6" x 0.0005" [150 mm x 0.01 mm]	750**
MRS100A	Communication Adapter - ESM001 to PC	265

* Includes test stand, force gauge, travel indicator and force gauge mounting.

** Included with ES30ST-100 and ES30ST-200.

MODEL	FDIX FORCE GAUGES			PRICE
FDIX 2	2 x 0.002 lbf	1 x 0.001 kgf	10 x 0.01 N	\$750*
FDIX 5	5 x 0.005 lbf	2.5 x 0.002 kgf	25 x 0.02 N	750*
FDIX 10	10 x 0.01 lbf	5 x 0.005 kgf	50 x 0.05 N	750*
FDIX 25	25 x 0.02 lbf	10 x 0.01 kgf	100 x 0.1 N	750*
FDIX 50	50 x 0.05 lbf	25 x 0.02 kgf	250 x 0.2 N	750*
FDIX 100	100 x 0.1 lbf	50 x 0.05 kgf	500 x 0.5 N	750*
FDIX 200	200 x 0.2 lbf	100 x 0.1 kgf	1000 x 1 N	995**
FDIX/CA110	Cable, RS232, FDIX to PC, 9Pin			75
FDIX/CA-USB	Cable, RS232 to USB			35***

* Included with ES30ST-100; choice of any capacity.

** Included with ES30ST-200.

*** Includes cable, driver and manual on a CD; converts RS232 to USB.

NOTE: FDIX/USB computer operation requires FDIX/CA110 and FDIX/CA-USB.

MODEL	FORCE TESTING SOFTWARE	PRICE
15-1004	MESURgauge Force Testing Software	\$495*

* Feature rich force testing software - force vs. distance analysis.

Prices and specifications are subject to change without notice.

CALL US TOLL FREE 800-345-4188

