

# MARK-10

## ES30

- TENSION & COMPRESSION
- CAPACITY: 200 lbf/100 kgf/1000 N
- DIGITAL FORCE & TRAVEL DISPLAY
- PRECISION HANDWHEEL DRIVE
- FORCE TESTING SOFTWARE
- ECONOMICAL PRICE: \$1175



**ES30**  
Manual Handwheel Test Stand

Made in America, the ES30 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 computer output and many other features.

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

MESURgauge force testing software provides easy set up and 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

- 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
ES30	Manual Test Stand - 200 lbf/100 kgf/1000N	\$1175
ESM001	Digital Travel Display - 6" x 0.0005" [150 mm x 0.01 mm]	750
MRS100A	Communication Adapter - ESM001 to PC	265

MODEL	FORCE GAUGES	PRICE
M5-XXX	Mark-10 Digital Force Gauge 2 - 100 lbf / 1 - 50 kgf / 10 - 500 N	\$995*
M5-200	Mark-10 Digital Force Gauge 200 lbf/100 kgf/1000N	1145*
09-1163	Cable, RS232, M5 to PC	75
09-1165	Cable, USB, M5 to PC - Replacement	30**
FDIX XXX	Wagner Digital Force Gauge 2 - 100 lbf/1 - 50 kgf / 10 - 500 N	650*
FDIX 200	Wagner Digital Force Gauge 200 lbf/100 kgf/1000N	850*
FDIX/CA110	Cable, RS232, FDIX to PC, 9 pin	75
FDIX/CA-USB	Cable, RS232 to USB	35***

\* Refer to force gauge pages for model numbers and specifications.

\*\* 09-1165 Cable included with all M5 Force Gauges.

\*\*\* 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*
FDIX/KI	Key Injector Software - PC Software Link	50**

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

\*\* Links data received at PC port to operational software, e.g., Excel, etc.

Prices and specifications are subject to change without notice.

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