

MARK-10

M3

- BASIC DIGITAL FORCE GAUGE
- TENSION & COMPRESSION
- CAPACITY: 500 lbf/250 kgf/2500 N
- USB DATA OUTPUT
- MESURLITE DATA SOFTWARE
- 50 DATA POINT MEMORY
- ACCURACY: ± 0.3% of Full Scale



M3
Digital Force Gauge

Made in America, the compact **M3 Digital Force Gauge** is the economical model of the Mark-10 M Series force gauges with only selected features required for basic **hand-held force measurement** or **limited force test stand use**.

FEATURES

- Large backlit graphic liquid crystal display of:
Primary force reading - 5 digit
Peak force readings - maximum tension & compression
Set point force - programmed high & low settings
Load bar - visual analog indicator of applied force
- USB computer interface outputs.
- High speed USB to 115, 200 baud.
- MESURLite data collection software and USB cable included.
- 50 data point storage in memory with output to PC.
- Programmable set points continuously display.
- 2000 Hz peak sampling of rapid occurring events.

CONSTRUCTION

- Large backlit 5 digit graphic display.
- American standard load shaft and mounting threads.
- Reversible load shaft—up or down—maintains upright keyboard.
- 150% of capacity overload protection.

POWER REQUIREMENTS

- Continuous operation with 110 or 220 Vac power adapter.
- Rechargeable NiMH battery for up to 30 hours continuous use.

ACCURACY

- Accurate to ± 0.3% of full scale ± 1 least significant digit.

WEIGHT & DIMENSIONS

- M3-012 - M3-100: 0.7 lb. [0.33 kg]
- M3-200 - M3-500: 0.9 lb. [0.41 kg]
- 3.9" [99 mm] H x 2.5" [64 mm] W x 1.5" [38 mm] D

MODEL	PRICE	CAPACITY/GRADUATION			
M3-012	\$800	0.12 x 0.0001 lbf	—	50 x 0.05 gf	0.5 x 0.0005 N
M3-025	800	0.25 x 0.0002 lbf	—	100 x 0.1 gf	1 x 0.001 N
M3-05	800	0.5 x 0.0005 lbf	—	250 x 0.2 gf	2.5 x 0.002 N
M3-2	650	2 x 0.002 lbf	1 x 0.001 kgf	—	10 x 0.01 N
M3-5	650	5 x 0.005 lbf	2.5 x 0.002 kgf	—	25 x 0.02 N
M3-10	650	10 x 0.01 lbf	5 x 0.005 kgf	—	50 x 0.05 N
M3-20	650	20 x 0.02 lbf	10 x 0.01 kgf	—	100 x 0.1 N
M3-50	650	50 x 0.05 lbf	25 x 0.02 kgf	—	250 x 0.2 N
M3-100	650	100 x 0.1 lbf	50 x 0.05 kgf	—	500 x 0.5 N
M3-200	800	200 x 0.2 lbf	100 x 0.1 kgf	—	1000 x 1 N
M3-500	800	500 x 0.5 lbf	250 x 0.2 kgf	—	2500 x 2 N

MODEL	CABLES	PRICE
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09-1165 Cable, USB, M3 to PC - Replacement **30***

* M3 includes USB cable, driver & MESURLite data software on CD.

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

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

NOTE: 1) MESURgauge DEMO download available at: www.mark-10.com

2) MESURLite download available at: www.mark-10.com

Prices and specifications are subject to change without notice.

www.wagnerinstruments.com

CALL US TOLL FREE 800-345-4188

