

# MARK-10

## MG

- TENSION & COMPRESSION
- CAPACITY: 500 lbf/250 kgf/2500 N
- BASIC FORCE TESTER
- SELECTABLE: lbf / kgf / N
- PEAK FORCE HOLD
- ACCURACY: ±0.5%



**MG**  
Digital Force Gauge

The **MG Digital Force Gauge** provides **basic force measuring** at an **economical price** where space is limited and added features unnecessary with a **wide range of capacities from 0.12 lbf to 500 lbf**.

**Basic features** include load shaft reversal for **hand-held or test stand** use, selectable **pound, kilogram or Newton** units, push-button zero, **peak memory hold** and **auto-off** for **battery power conservation**.

The **AC power adapter** provides **continuous use** with a **non-rechargeable battery** for back-up or for portable use.

### CONSTRUCTION

- Compact lightweight aluminum housing.
- Split housing for upright display with shaft up or down.
- 4 1/2 digit 0.3" LCD display and 3 button keypad.
- American standard load shaft and mounting threads.

### OPERATION

- Peak force sampling rate: 30/second.
- Tension and compression peaks held in memory.
- Selectable units: lbf, kgf or N.
- Simple push-button calibration procedure.

### POWER REQUIREMENTS

- Continuous operation with 110 or 220 Vac adapter.
- Non-rechargeable battery for 30 hours operation.
- "Lo Bat" display warns of low battery.
- Auto-off conserves battery power.

### ACCESSORIES

- Included: non-rechargeable alkaline battery, AC adapter, hook and flat, case, manual and NIST Calibration Certificate.

### ACCURACY

- Accurate to ±0.5% of full scale ± least significant digit.

### WEIGHT & DIMENSIONS

- 1 lb. [.5 kg] Shipping: 2.5 lb. [1.1 kg]
- 3.7" [94 mm] H x 2.5" [64 mm] W x 1.5" [38 mm] D

MODEL	CAPACITY/GRADUATION				PRICE
MG 012	0.12 lbf x 0.0001 lbf	50 gf x 0.05 gf	0.5 N x 0.0005 N		\$675
MG 025	0.25 lbf x 0.0002 lbf	100 gf x 0.1 gf	1 N x 0.001 N		675
MG 05	0.5 lbf x 0.0005 lbf	250 gf x 0.2 gf	2.5 N x 0.002 N		675
MG 2	2 lbf x 0.002 lbf	1 kgf x 0.001 kgf	10 N x 0.01 N		545
MG 5	5 lbf x 0.005 lbf	5 kgf x 0.001 kgf	25 N x 0.05 N		545
MG 10	10 lbf x 0.01 lbf	5 kgf x 0.005 kgf	50 N x 0.05 N		545
MG 20	20 lbf x 0.02 lbf	10 kgf x 0.01 kgf	100 N x 0.1 N		545
MG 50	50 lbf x 0.05 lbf	25 kgf x 0.02 kgf	250 N x 0.2 N		545
MG 100	100 lbf x 0.1 lbf	50 kgf x 0.05 kgf	500 N x 0.5 N		545
MG 200	200 lbf x 0.2 lbf	100 kgf x 0.1 kgf	1000 N x 1 N		675
MG 500	500 lbf x 0.5 lbf	250 kgf x 0.2 kgf	2500 N x 2 N		675

MODEL	ACCESSORIES	PRICE
FD/S-1	Steel Hook - Large 100 lbf / 50 kgf / 500 N	\$20*
FD/B-1	Steel Hook - XL 200 lbf / 100 kgf / 1000 N	30*
FD/C-1	Steel Hook - XXL 500 lbf / 250 kgf / 2500 N	45*
FD/S-2	Flat Head - 5/8" diameter	20*
FD/S-7	Hinged Hook - Large	45
FD/S-8	Hinged Cradle - Large	45
AC1003	Handles for MG	85

\*Included with the appropriate MG capacity.

Prices and specifications are subject to change without notice.

[www.wagnerinstruments.com](http://www.wagnerinstruments.com)

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