

## Mark-10 Digital Force Gauges



### FEATURES

- Low cost
- Small size
- Aluminum housing is reversible for handheld or test stand use
- Peak memory for tensile and compressive loads
- Selectable units of measurement
- Programmable auto shutoff
- Push-button calibration
- IPM Intelligent Power Management system for reliable operation
- Capacities 0.25 lbs to 500 lbs (1N to 2500N)

The Series MG digital force gauge is a miniature instrument offering a unique combination of ruggedness, small size and versatility. Because of its extremely small size it is easy to incorporate into many testing applications with restricted space. Its low cost makes it an excellent choice for applications previously reserved for mechanical devices with an additional benefit of a digital display, push-button zero and ease of use. Applications include puncture test, connector insertion/withdrawal force measurement, package seal strength measurement, peel force measurement, spring testing F, physiological studies and many others.

| Model        | >Capacity x Resolution  |
|--------------|---|
| <b>MG025</b> | Force gauge, 0.25 x 0.0002 lb, 100 x 0.1 gF, 1 x 0.001 N, 110v  |
| <b>MG05</b>  | Force gauge, 0.5 x 0.0005 lb, 250 x 0.2 gF, 2.5 x 0.002 N, 110v |
| <b>MG2</b>   | Force gauge, 2 x 0.002 lb, 1 x 0.001 kgF, 10 x 0.01 N, 110v     |
| <b>MG5</b>   | Force gauge, 5 x 0.005 lb, 2.5 x 0.002 kgF, 25 x 0.02 N, 110v   |
| <b>MG10</b>  | Force gauge, 10 x 0.01 lb, 5 x 0.005 kgF, 50 x 0.05 N, 110v     |
| <b>MG20</b>  | Force gauge, 20 x 0.02 lb, 10 x 0.01 kgF, 100 x 0.1 N, 110v     |
| <b>MG50</b>  | Force gauge, 50 x 0.05 lb, 25 x 0.02 kgF, 250 x 0.2 N, 110v     |
| <b>MG100</b> | Force gauge, 100 x 0.1 lb, 50 x 0.05 kgF, 500 x 0.5 N, 110v     |
| <b>MG200</b> | Force gauge, 200 x 0.2 lb, 100 x 0.1 kgF, 1000 x 1 N, 110v      |
| <b>MG500</b> | Force gauge, 500 x 0.5 lb, 250 x 0.2 kgF, 2500 x 2 N, 110v      |

Accuracy:  $\pm 0.5\%$  FS • 220v operation add suffix E to model number. Example: MG50E

ERGONOMICS INC.  
PO Box 964 • Southampton PA 18966

Phone: 800-862-0102 • 215-357-5124 • Fax: 215-364-7582  
e-mail: [info@ergonomicsusa.com](mailto:info@ergonomicsusa.com)

Visit our Website: [www.ergonomicsusa.com](http://www.ergonomicsusa.com)