

The M2 is a digital force gauge designed for basic tension and compression force testing applications up to 100lbF (500N). The gauge's  $\pm 0.5\%$  accuracy and 500 Hz sampling rate allows for reliable peak tension and compression readings.



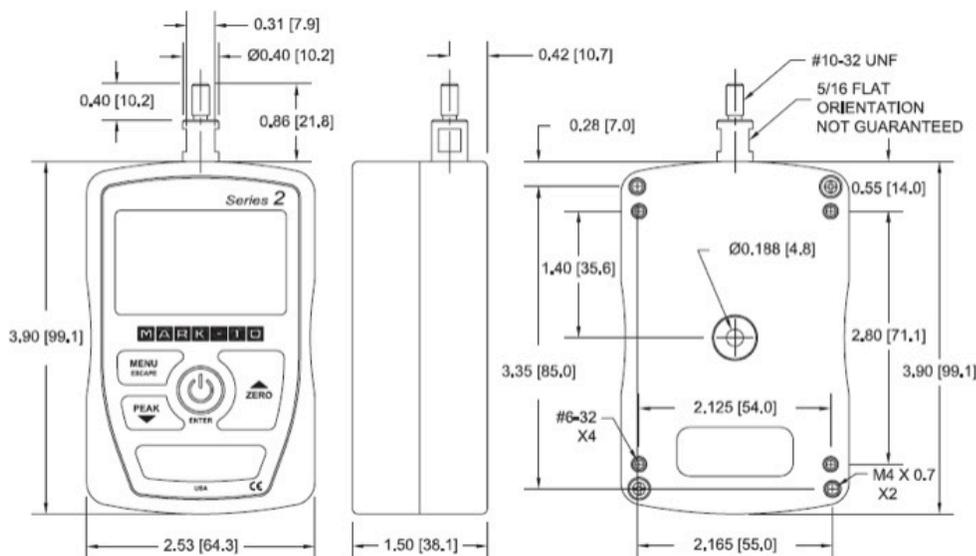
## FEATURES

- Calculates peak tension and compression values
- 3 selectable units of measurement
- 500Hz sampling rate
- Ultra-compact size
- Large back lit graphic display with auto-dimming
- Configurable default measurement unit and mode
- Powered by 9V battery or optional AC adapter
- Reversible housing for alternate load cell orientation

## APPLICATIONS

- Automotive Industry
- Manufacturing
- Assembly
- Quality control

## DIMENSIONS



## SPECIFICATIONS

Model	M2
Load Range	2 to 100lb (10 to 500N)
Accuracy	±0.5% of full scale
Sampling Rate	500 Hz
Power	AC or 9V non-rechargeable battery. Multi-step low battery indicator
Battery Life	Back light on/off: up to 24 hours, 92 of continuous use
Measurement Units	ibF, KgF, N
Safe Overload	150% of full scale (display shows "OVER" at 110% and above)
Weight	0.7lb (0.33kg)
Included Item	9V battery, quick start guide, resource CD, certificate of conformance
Warranty	3 years (see individual statement for further details)
Environmental Requirements	40-100°F, max. 96% humidity, non-condensing

## PART NUMBER

Model	Capacity & Resolution		
	lbF	kgF	N
M2-2	2 x 0.002	1 x 0.001	10 x 0.01
M2-5	5 x 0.005	2.5 x 0.002	25 x 0.02
M2-10	10 x 0.01	5 x 0.005	50 x 0.05
M2-20	20 x 0.02	10 x 0.01	100 x 0.1
M2-50	50 x 0.05	25 x 0.02	250 x 0.2
M2-100	100 x 0.1	5 x 0.05	500 x 0.5