

SERIES 2 - ECONOMICAL DIGITAL FORCE GAUGES

The Series 2 Digital Force Gauges are designed for basic tension and compression force testing applications up to 100 lbF (500N). The gauge's $\pm 0.5\%$ accuracy and 500 Hz sampling rate allows reliable peak tension and compression readings. Current, peak tension or peak compression readings are displayed by a backlit graphic LCD display. The gauges are overload protected to 150% of capacity. An ergonomic, reversible aluminum housing allows for hand held use or fixture mounting, rugged enough for applications in both production and laboratory environments.

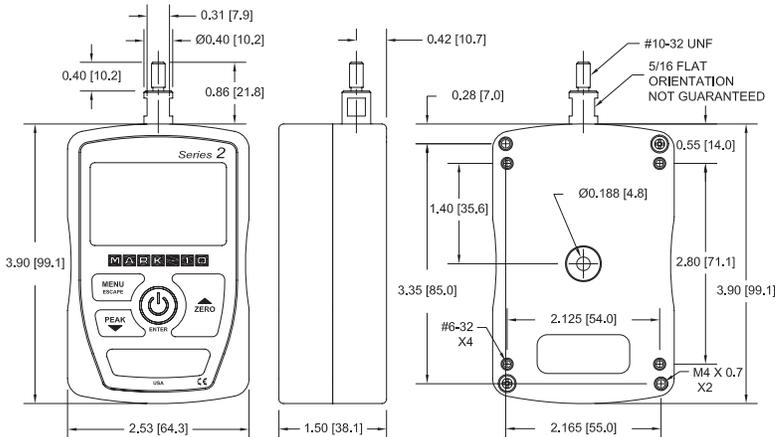
- CALCULATES PEAK TENSION AND COMPRESSION VALUES
- 3 SELECTABLE UNITS OF MEASUREMENT
- 500 HZ SAMPLING RATE
- ULTRA-COMPACT SIZE
- LARGE BACKLIT GRAPHIC DISPLAY WITH AUTO-DIMMING
- CONFIGURABLE DEFAULT MEASUREMENT UNIT AND MODE
- POWERED BY 9V BATTERY OR OPTIONAL AC ADAPTER
- REVERSIBLE HOUSING FOR ALTERNATE LOAD CELL ORIENTATION

SPECIFICATIONS

ACCURACY:	$\pm 0.5\%$ of full scale
SAMPLING RATE:	500 Hz
POWER:	AC or 9V non-rechargeable battery. Multi-step low battery indicator
BATTERY LIFE:	Backlight on/off: up to 24 hours 92 hours of continuous use
MEASUREMENT UNITS:	lbF, kgF, N
SAFE OVERLOAD:	150% of full scale (display shows "OVER" at 110% and above)
WEIGHT:	0.7 lb [0.33 kg]
INCLUDED ITEMS:	9V battery, quick-start guide, resource CD, certificate of conformance
ENVIRONMENTAL REQUIREMENTS:	40 - 100°F, max. 96% humidity, non-condensating
WARRANTY:	3 years (see individual statement for further details)



Shown with an ES20 test stand and G1061 wedge grips



Model No.	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	50 x 0.05	500 x 0.5