

Force and Compression Gauge

The Series 5 digital force gauges from Mark-10 are designed for tension and compression force testing of up to 2,500 N in quality control, manufacturing, and R&D areas. Feature-rich, powerful and accurate.



- Industry-leading sampling rate of 7,000 Hz
- USB, RS-232, Mitutoyo, and analogue outputs
- Accuracy of +/-0.1% of full scale +/-1 digit
- On-board data storage of 1,000 values
- Large, backlit graphics display
- Reversible housing for handheld or test stand use
- High/low limit indicators with audible tones
- Password protection
- Real time, peak, averaging, and external trigger measuring modes

Measurement Ranges

Model	Capacity							Resolution						
	lbF	ozF	kgF	gF	N	kN	mN	lbF	ozF	kgF	gF	N	kN	mN
M5-012	0.12	2		50	0.5		500	0.00002	0.0005		0.01	0.0001		0.1
M5-025	0.25	4		100	1		1000	0.00005	0.001		0.02	0.0002		0.2
M5-05	0.5	8		250	2.5		2500	0.0001	0.002		0.05	0.0005		0.5
M5-2	2	32	1	1000	10			0.0005	0.01	0.0002	0.2	0.002		
M5-5	5	80	2.5	2500	25			0.001	0.02	0.0005	0.5	0.005		
M5-10	10	160	5	5000	50			0.002	0.05	0.001	1	0.01		
M5-20	20	320	10	10000	100			0.005	0.1	0.002	2	0.02		
M5-50	50	800	25	25000	250			0.01	0.2	0.005	5	0.05		
M5-100	100	1600	50	50000	500			0.02	0.5	0.01	10	0.1		
M5-200	200	3200	100		1000	1		0.05	1	0.02		0.2	0.0002	
M5-500	500	8000	250		2500	2.5		0.1	2	0.05		0.5	0.0005	

Technical Data

Property	Data
Testing property	Tensile force , Compressive force
Calibration	10 force points
Battery life	7 – 24 hours continuous use
Max overload	150% of FSD
Calibration	10 force points
Dimensions (W x H x D) main body	64.3mm x 149.4mm x 33.6mm