

Focus on Engineering: Reversible Housing



Reversible housing allows the gauge to be used in different orientations.

The display and keypad remain upright.

Specifications

Capacity x Resolution:	M5-750: 750 x 0.5 lbF 12000 x 10 ozF 375 x 0.2 kgF 3750 x 2 N 3.75 x 0.002 kN M5-1000: 1000 x 0.5 lbF 16000 x 5 ozF 500 x 0.2 kgF 5000 x 2 N 5 x 0.002 kN M5-1500: 1500 x 1 lbF 24000 x 20 ozF 750 x 0.5 kgF 7500 x 5 N 7.5 x 0.005 kN M5-2000: 2000 x 1 lbF 32000 x 20 ozF 1000 x 0.5 kgF 10000 x 5 N 10 x 0.005 kN
Accuracy:	±0.1% of full scale
Sampling Rate:	7,000 Hz
Power:	AC or rechargeable battery. Multi-step low battery indicator is displayed, gauge shuts off automatically when power is too low.
Battery life:	Backlight on: up to 7 hours of continuous use / Backlight off: up to 24 hours of continuous use
Outputs:	USB / RS-232: Configurable up to 115,200 baud. Includes Gauge Control Language 2 for full computer control. Mitutoyo (Digimatic): Serial BCD suitable for all Mitutoyo SPC-compatible devices. Analog: ±1 VDC, ±0.25% of full scale at capacity, General purpose: Three open drain outputs, one input. Set points: Three open drain lines.
Configurable settings:	Digital filters, outputs, automatic output (via USB/RS-232), automatic shutoff, default settings, averaging mode, external trigger, passwords, key tones, audio alarms, backlight, calibration
Safe overload:	200% of full scale (display shows "OVER" at 110% and above)
Weight:	1.8 lb [0.82 kg]
Environmental requirements:	40 - 100°F, max. 96% humidity, non-condensating
Included items:	Carrying case with chisel, cone, V-groove, hook (M5-750 and M5-1000 only), flat, extension rod, universal voltage AC adapter, battery, quick-start guide, USB cable, resource CD (USB driver, MESUR™ Lite software, MESUR™gauge DEMO software, and user's guide), and NIST-traceable certificate of calibration with data.
Warranty:	3 years (see individual statement for further details)

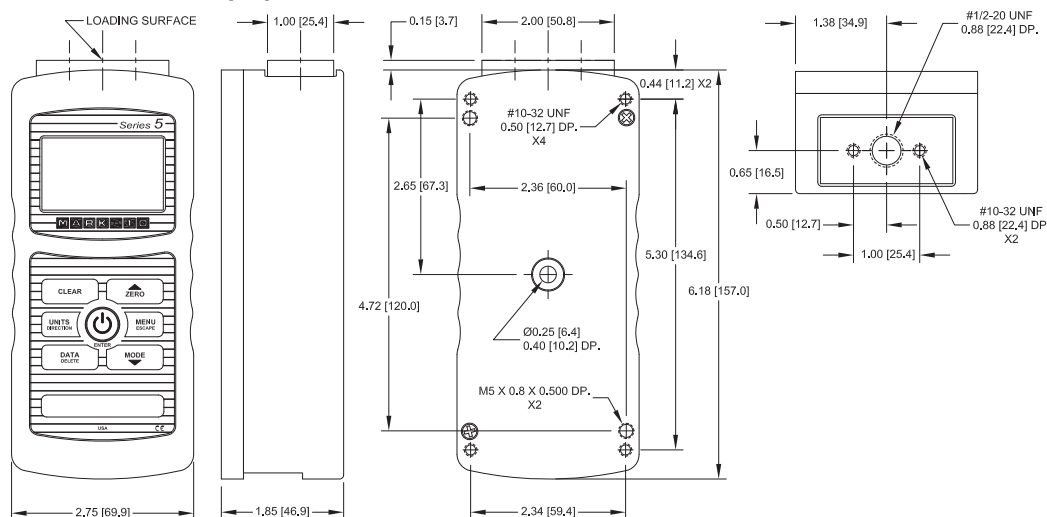
The gauges include a 110V AC adapter.

Specify suffix 'E' for euro plug (220V), 'U' for UK plug (220V), or 'A' for Australian plug (220V).

Ex: M5-1000E, M5-2000A

Note:
At 500 lbF (2,500 N) or more, force gauges are not recommended for applications involving sudden, sharp breaks. Examples include compression of brittle materials, pull testing of welds, etc. Consider an indicator with load cell instead.

Dimensions in [mm]



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