



Series
490

Wet/Wet Handheld Digital Manometer

Liquid & Gas Pressure Measurement, $\pm 0.5\%$ F.S. Accuracy



- Measures Virtually any Liquid Media Compatible with 316L Stainless Steel.
- Instant Selection from up to Seven English/Metric Units.
- Stores 20 Readings in Memory for Later Reference.
- Both Audible and Visual Overpressure Alarms.
- Operates up to 100 Hours on a Single 9 Volt Battery.



Series 490 Digital Manometers are versatile, hand-held, battery operated manometers available in several basic ranges from 0-15.0 psi (0-100 kPa) to 0-500 psi (0-3450 kPa). Units are highly accurate ($\pm 0.5\%$ FS) for positive or positive differential pressure measurement and can tolerate most liquid media compatible with 316L stainless steel.

You can select from up to seven common English and metric pressure units (PSI, in. H₂O, in. Hg, mm Hg, kPa, bar or mbar) so conversions are not necessary. A memory function allows storage of up to 20 readings for later recall and a backlight provides auxiliary lighting for hard-to-see locations. Standard are a hold feature and both visual and audible overpressure alarms. A 9V alkaline battery is included that provides up to 100 hours of operation. Units have dual 1/8" female NPT connections.

STOCKED MODELS

Model Number	English Range	Metric Range	Maximum Pressure
490-1	0-15.000 psi	0-100 kPa	30 psi (2.7 bar)
490-2	0-30.00 psi	0-200 kPa	60 psi (4.13 bar)
490-3	0-50.00 psi	0-350 kPa	120 psi (6.89 bar)
490-4	0-100.00 psi	0-700 kPa	200 psi (13.78 bar)
490-5	0-500.00 psi	0-3450 kPa	1000 psi (68.9 bar)

A-402A CARRYING CASE — Tough gray nylon pouch protects any Series 490 Wet/Wet Handheld Digital Manometer. Double zippered for quick and easy access. With belt loop that snaps closed.

7½"H x 3"W x 2¼"D
(191 x 76 x 57 mm)



SPECIFICATIONS

Service: Compatible, non-combustible gases & liquids.

Wetted Materials: Type 316L SS.

Accuracy: $\pm 0.5\%$ F.S., 60 to 78°F (15.6 to 25.6°C); $\pm 1.5\%$ F.S. from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).

Pressure Hysteresis: $\pm 0.1\%$ of full scale.

Pressure Limits: See Chart.

Temperature Limits: 32 to 104°F (0 to 40°C).

Storage Temperature Limits: -4 to 176°F (-20 to 80°C).

Display: 0.42" (10.6 mm) 4-1/2" digit liquid crystal.

Resolution: See chart.

Power Requirements: 9 volt alkaline battery. Battery included but not connected.

Weight: 14.1 oz (400 g).

Connections: Two 1/8" (3.18 mm) female NPT.

Agency Approvals: CE.