

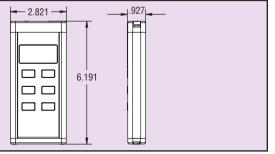
Series 490

Wet/Wet Handheld Digital Manometer

Liquid & Gas Pressure Measurement, ±0.5% FS Accuracy

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 $\textbf{Series 490 Digital Manometers} \ \text{are versatile, hand-held, battery operated manometers} \ \text{available in several basic ranges for positive or positive differential pressure measurement} \ \text{and can tolerate most liquid media compatible with 316LSS.}$

A memory function allows storage of up to 40 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 new feature added to the Series 490 is a field adjustable damping. This allows the user to choose the level of display averaging rate corresponding to the fluctuation level common in many applications. A 9 V alkaline battery is included that provides up to 100 hours of operation.

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	Model	(psi)	bar	psi	in Hg	kPa	FTWC	in w.c.	mm Hg	mbar	Pressure
		0-15.00									
ı	490-2	0-30.00	2.069	30.00	61.08	206.9	69.20	830.4	1551	2069	60 psig
ı	490-3	0-50.00	3.447	50.00	101.8	344.7	115.3	1384	2585	3447	100 psig
ı	490-4	0-100.0	6.895	100.0	203.6	689.5	230.7	2768	5171	6895	200 psig
ı	490-5	0-500.0	34.47	500.0	1018	3447	1153				1000 psig
L	490-6	0-200.0	13.79	200.0	407.2	1379	461.3	5536			400 psig

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. 7-1/2"H x 3"W x 2-1/4"D (191 x 76 x 57 mm)

SPECIFICATIONS

Service: Compatible gases & liquids. Wetted Materials: Without valve: 316L SS; Additional wetted parts with 3-way valve option: Buna-N, silicone grease, PTFE, brass 360, copper, reinforced acetal copolymer.

Accuracy: ±0.5% full-scale, 60 to 78°F (15.6 to 25.6°C); ±1.5% full-scale from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).

Pressure Hysteresis: ±0.1% of full scale.

Pressure Limits: See chart.

Temperature Limits: 32 to 140°F (0 to 60°C).

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

Display: 0.42" (10.6 mm) 4 digit LCD.

Resolution: See chart.

Power Requirements: 9 V alkaline battery, installed non-functional, user

replaceable.

Weight: 14.1 oz (400 g). Process Connections: Two 1/8" (3.18

mm) female NPT.

Agency Approvals: CE.

OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 490-1-NIST.