

## DWYER WET/WET HANDHELD DIGITAL MANOMETER 490 SERIES

### DESCRIPTION

The Dwyer 490 Series wet/wet digital manometers are versatile, handheld, and battery operated. Units are highly accurate ( $\pm 0.5\%$  FS) for positive or positive-differential pressure measurement, and they can handle or be used with most liquid media compatible with 316L stainless steel. There are seven common English and metric pressure units (psi, "H<sub>2</sub>O, "Hg, mm Hg, kPa, Bar, or mBar), so conversions are not necessary.

### FEATURES

- Measures either positive or positive differential pressure
- High accuracy ( $\pm 0.5\%$  FS)
- Tolerant of most liquid media compatible with 316L stainless steel
- Seven English and metric pressure units (psi, "H<sub>2</sub>O, "Hg, mm Hg, kPa, Bar, or mBar)
- Two 1/8" female NPT connections



490



### SPECIFICATIONS

<b>Supply Voltage</b>	9V alkaline included	<b>Device Type</b>	Service of compatible, non-combustible gases and liquids
<b>Battery Life</b>	Up to 100 hours	<b>Wetted Materials</b>	Type 316L stainless steel
<b>Accuracy</b>	$\pm 0.5\%$ FS from 60° to 78°F (15.6° to 25.6°C) $\pm 1.5\%$ FS from 32° to 60°F (0 to 15.6°), 78° to 104°F (25.6° to 40°C)	<b>Connection Type</b>	Two 1/8" (3.18 mm) female NPT
<b>Pressure Range</b>		<b>Display</b>	0.42" (10.6 mm), 4-1/2 digit LCD
<b>490-1</b>	0-15 psid (0-103 kPa)/30 psig max (207 kPa)	<b>Operating Temperature</b>	32° to 104°F (0° to 40°C)
<b>490-2</b>	0-30 psid (0-207 kPa)/60 psig (413 kPa) maximum	<b>Dimensions</b>	6.2"H x 2.8"W x .90"D (27.9 x 11.9 x 2.3 cm)
<b>490-3</b>	0-50 psid (0-345 kPa)/100 psig (689 kPa) maximum	<b>Weight</b>	0.88 lbs (0.4 kg)
		<b>Approvals</b>	CE
		<b>Warranty</b>	1 year

### ORDERING INFORMATION

MODEL	DESCRIPTION
<b>490-1</b>	Wet/Wet digital manometer, 0-15 psid
<b>490-2</b>	Wet/Wet digital manometer, 0-30 psid
<b>490-3</b>	Wet/Wet digital manometer, 0-50 psid
<b>A-402A</b>	Gray nylon carrying case