






Product Group: Wet / wet DP digital manometers with battery power

Photo			
Mfg	Meriam	Dwyer Cr	ystal
Model No	M200DI (wet/wet)	490 Series	XP2i-DP
Use	Handheld portable DP for wet high side and wet low side	Handheld portable DP for wet high side and wet low side	Field installed DP for wet high side and wet low side. This gauge has not been accepted as a handheld device.
Accuracy	.05% FS Optional .025% FS	.5% F.S. 60-78°F; 1.5% 32-60°F and ~78-104F	20 - 100% FS: ±0.1% Rdg; 0 - 20% FS: ±0.02% FS
Temp effect	None within T range	Yes, see Accuracy spec	None within T range
Operating Temp	23-122°F (Intrinsic Safe) - 4 to 122°F (General Purpose)	32-104°F	14° to +122° C
Meas. Range	0-1, 5, 15, 30, 100, 300, 500 PSID	0-15, 100 PSI	0-15, 100 PSID
No. of Engrg Units	12 user selectable	7 user selectable	11 user selectable
Wet/Dry	Wet/Wet, 316SS & viton O-ring	Wet/Wet	Wet/Wet, 300 series SS & Buna-N
P type supported	D, G, V	D, G, V	D, G, V
P connections	1/8" NPT	1/8" NPT	1/8" MNPT
Max allow Press	Hi side port only: 3xFS LO side port: 3xFS or 150 PSI whichever is less Common mode: 1000 PSI	Range dependent	15 PSID: 6.5x FS 100 PSID: Hi --> 2x FS, Lo --> 1.1x FS
Intended Mkt	Process	Process	Process
Power	4 ea AA (100 hours)	9 volt (100 hours life)	3 ea AA (+100 hours)
Outputs	View memory	None	RS-232
Display type	2 line, 16 char, dot matrix	Dedicated glass	Dedicated glass
Display resolution	5 digit LCD - .25" high digit	4 ½ digit	5 digit, 0.65" ht., backlit
Case Material	Plastic	Aluminum	300 series SS
Case Rating	IP40	None	IP-65 available
Dimensions	6.6 x 3.6 x 2.25" 1.9 lb		dia=4.4" depth=1.3" top to stem= 7.5" 1.9 lbs
Similar to Meriam:		M200-DI (wet/wet)	
Other notable features	2 port (Hi and Lo) standard. 4 port manifold optional for flushing ports, record 240 readings, leak test, damping	Backlight, record 40 readings, damping, hold, optional 3-valve package up to 100 PSID (\$+115)	Update at 3x/sec, stem mount; panel mount w/ rear stem; 6" and 8.5" gauge adapter kits, Lo side is burst disc protected at 100 PSI, free Config XP
Approvals	CE, ATEX, cULus	CE	CE, cCSAus, ATEX, IECEx; ATEX: ExII1G EEx ia IIC T4