

Diagnostic Products

Meter Selection Guide

Function	ServiceJunior	Serviceman Level 1	Serviceman Level 2	ServiceMaster 350	ServiceMaster 450
Pressure Sensing	•	•	•	•	•
Flow Sensing		•1	•1	•1	•1
Temperature Sensing		•1	•1	•2	•2
Rotational Speed Sensing		•1	•1	•	•
Auxiliary Sensing				•	•
Pressure Differential		•	•	•	•
Automatic Sensor Recognition	•	•	•	•	•
Auto Power Off	•	•	•	•	•
Battery Monitoring	•	•	•	•	•
Battery Type	3 Volt	9 Volt	Rechargeable Ni-MH	Rechargeable Ni-Cad	Rechargeable Ni-Cad
PC Compatible (Windows)			•1	•1	•1
Minimum/Maximum Memory	•	•	•	•	•
Self Contained Memory				•	•
On-Line Data Transfer			•	•	•
Text Display (Lines)	2	1	1	8	8
Inputs	1	2	2	3	6
Data Points (Maximum in Memory)				125,000	250,000
Graphic LCD Display				•	•
Hydraulic Power Calculations				•	•
Volume Calculations				•	•

Notes: (1) Additional accessories are required to perform this function.
 (2) Transducers provide an ambient temperature signal, but additional temperature probes are required for more accurate temperature measurements.

Test Port Coupling Selection Guide

Test Port	Valving	Body Size	Material* Br SS S P	Locking Mechanism	Std. Seal Material	Temp Range**	Rated Pressure
PD Series	Flush Face	1/8"	• • •	Ball	Buna-N (Nitrile)	-40° to +250° F	6000 PSI
PDP Series	Ball	1/8"	•	Ball	Buna-N (Nitrile)	-40° to +250° F	6000 PSI
EMA3 Series	Poppet	1/8"	• •	Threads	Buna-N (Nitrile)	-40° to +250° F	9000 PSI

* See Fluid Compatibility chart and/or consult factory for questions regarding proper material for specific applications.
 CODE: Br = Brass; SS = Stainless Steel; S = Steel; P = Plastic
 **Temperature Range for standard seal material.

Note: See the Specifications Table for PD and PDP Series for more information.

F Diagnostic