

Part No.

FLP1-GR-2M

FieldLab Pressure, 3000 psi / 200 bar / 20 MPa, 1/4" Male NPT bottom connection

A revolutionary pressure calibration platform that transforms the way field and laboratory technicians do their job. By putting the instructions on how to do the test directly onto the FieldLab the user is now in much better control of the situation.

Features

- 0.1% of reading Accuracy - Fully temperature compensated from -10 to 50 degrees C
- Test Modes can be created on your PC and synced with the FieldLab for any type of pressure test
- Data Logging up to 2 million data points
- Data Log when you press a button - ideal for pressure calibration
- Large Color Transflective LCD Display (easy to read in the sun)
- Rechargeable Lithium Ion Battery
- Powered via AC Power or DC (Auto) power
- Class 1, Division 1 Groups A-D T4 Intrinsically Safe (US and Canada)
- Class I, Zone 0 AEX ia IIC T4 Intrinsically Safe (US and Canada)
- ATEX: II 1 G Ex ia IIC Ga -10 °C < Ta < 50 °C IP67 (Europe)
- IECEx: Ex ia IIC T4 Ga -10 °C < Ta < 50 °C IP67
- A PC with Windows 7 or later operating system is required to get maximum functionality from the FieldLab platform



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Specifications

Pressure Range	0 to 3000 PSIG
Measurement Uncertainty	0-20% of Full Scale: 0.02% of Full Scale 20-100% of Full Scale: 0.1% of Reading Vacuum: 0.25% of Full Scale
Process Connection	1/4" Male NPT
Temperature range	14 to 122 °F (-10 to 50 °C)
Process Media Temperature range	14 to 122 °F (-10 to 50 °C)
Storage Temperature range	0 to 167 °F (-18 to 75 °C)



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Relative Humidity	0% to 90% (-10 to 35°C) 0% to 70% (35 to 50°C)
Construction	316 Stainless Steel, Reinforced Polyamide
Wetted Materials	316 Stainless Steel
Seal materials	Teflon, Viton
Gauge type	FieldLab
Fluid Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water Fluids compatible with 316 Stainless Steel and Teflon, Viton Seals



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