

Part No.

DPOV-30PSIG-FL

Calibration kit, DPOV pneumatic pump, 30 psi / 2 bar / 200 kPa FieldLab (0.1% of reading Accuracy)

Pump and pressure gauge combination includes everything needed to perform accurate, precise low pressure calibrations



DPOV-30PSIG-FL

Included Items

- Hand Pump - DPOV Pneumatic Pump (DPOV)
- Pressure Reference - Pressure FieldLab, 30 psi / 2 bar / 200 kPa, Female Quick-test bottom connection (FLP1-GF-QF)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Hose - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)

Specs/Attributes

Pressure Reference	Pressure FieldLab, 30 psi / 2 bar / 200 kPa
Process Connection	1/4" Male NPT
Materials	Anodized Aluminum, Brass, Stainless Steel
Seal Materials	Buna-N, Delrin, Teflon
Max Pressure	30 PSI / 3 bar / 300 kPa
Min Temperature	0 °F / -18 °C
Max Temperature	130 °F / 54 °C

Hand Pump DPOV

Max Pressure	125 PSI / 9 bar / 900 kPa
Min Temperature	0 °F / -18 °C
Max Temperature	130 °F / 54 °C
Pressure Media	Air
Fine Adjustment Resolution	0 PSI / 0 mbar / 0.00 kPa
Media Compatibility	Air, Inert Gas, Natural Gas
Outlet Port	Male Quick-test, Male Quick-test with cap and chain

Hand Pump DPOV

Materials	Anodized Aluminum, Brass
Seal Materials	Buna-N, Delrin
Weight	25.6 oz / 725 grams
Dimensions	H: 2.9 in (7.37 cm) x W: 8 in (20.32 cm) x D: 3.4 in (8.64 cm)

Pressure Reference FLP1-GF-QF

Burst Pressure	120 PSI / 9 bar / 900 kPa
Certifications	Certified to CSA Standard C22.2 No. 61010-1, North America - Class 1 Division 1 Groups A-D, T4, (-10 < Ta < 50 °C), ATEX - Ex II 1 G Ex ia IIC T4 Ga (-10 < Ta < 50 °C), IECEx - Ex ia IIC T4 Ga (-10 < Ta < 50 °C)
Charging	AC Power (Australia, China, Europe, North America, UK adapters included), DC Auto power (Optional)
Datalogging	2 million points
Ingress Protection	IP67 (1 meter water submersion for 30 minutes)
LCD Display	3.5 in / 90mm Color TFT LCD Display
Materials	316 Stainless Steel
Max Pressure	30 PSI / 3 bar / 300 kPa
Max Storage Temperature	165 °F / 75 °C
Max Temperature	120 °F / 50 °C
Max Vacuum	30 In Hg / 77 cm Hg
Measurement Type	Gauge Pressure
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Storage Temperature	-20 °F / -29 °C
Min Temperature	14 °F / -10 °C
Mounting Holes	3 x M5 Inserts (10 mm deep)
Pressure Measurement Uncertainty	+/- 0.02% of Full Scale (0-20% of Full Scale), +/- 0.1% of Reading (20-100% of Full Scale), +/- 0.25% of Full Scale (Vacuum)
Process Connection	Female Quick-test
Relative Humidity	0% to 90% (-10 to 35 °C) , 0% to 70% (35 to 50 °C)
Seal Materials	Teflon, Viton
Sensor Type	High Precision MEMS
USB Connection	USB (Type B)
Wetted Materials	316 Stainless Steel
Weight	40.9 oz / 2.56 lbs / 1.16 kg
Dimensions	H: 9 in (22.86 cm) x W: 5 in (12.7 cm) x D: 2.5 in (6.35 cm)

Process Connection QTHA-2MB0

Has Check Valve	No
Materials	Brass
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg

Process Connection QTHA-2MB0

Min Temperature	0 °F / -18 °C
Seal Materials	Buna-N
Wrench Size	9/16 In 15 mm
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

Hose QTQT-HOS-3ft

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Fluid Media	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 cm
Materials	Brass
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Temperature	140 °F / 60 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
Min Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT