

Pressure Calibration Kit

- ✓ Full kit with pressure gauge and hand pump for easy field calibration
- ✓ High accuracy of 0.05% FS provides a reliable reference
- ✓ Displays ambient temperature and maximum and minimum values of the data
- ✓ 5-digit primary display and secondary display
- ✓ 10 pressure units available:
MPa/KPa/psi/bar/pa/mBAR/mHg/mH2O/Torr/kgf/cm²



Overview

The DPG210-KIT pressure calibration kits combine the high accuracy of our DPG210 digital pressure gauges with a pneumatic or hydraulic hand pump, providing an excellent solution for field calibration needs. Kits include the DPG210 digital gauge in your selected pressure range, hand pump, rugged carrying case, and a selection of fittings and hose. Kits with ranges of 500 psi or below include a pneumatic hand pump capable of generating 0 to 500 psi pressure. For ranges of 1,000 psi or higher, a 0 to 10,000 psi hydraulic hand pump is included.

Specifications

Operating Temperature: -10 to 50°C (14 to 120°F)

Compensation Temperature: 0 to 40°C (32 to 104°F)

Storage Temperature: -20 to 60°C (-4 to 140°F)

Temperature Accuracy: ± 0.5°C

Pressure Accuracy: ± 0.05% FS

Stability: ±0.2%FS/year

Over Pressure Limits: 3X Rated Pressure from 0 to 100 psi, 2X Rated Pressure from 200 to 5000 psi

Burst Pressure: 4X Rated Pressure from 0 to 100 psi, 3X Rated Pressure from 200 to 5000 psi

Sampling Rate: Adjustable : 1-10 times/second

Battery Life: up to 3,600 hours

Environmental Rating: IP65

Compatible Process Media: Non-corrosive gas, water, oil

Process Connection/Material: ¼" NPT (others consult Omega Sales), 304SS

Pressure Gauge Case Material: 304SS

Display Type: 5 digit LCD

Weight: 10.25 lb