

PORTABLE PRESSURE CALIBRATORS WITH BUILT-IN PRESSURE PUMP

DPI603 Series

Starts at
\$2810



- ✓ **0.075% FS Accuracy**
- ✓ **NEMA 4 (IP65) Sealed Case**
- ✓ **Dual Pressure and Electrical Display**
- ✓ **Internal Transmitter Power Supply**
- ✓ **Accepts Millivolt, Voltage, or Current Inputs**
- ✓ **Displays Pressure in 24 Different Scales**

The DPI603 portable pressure calibrator is handy when AC power is unavailable. Its built-in pump can generate pressures up to 300 psi. With an optional pressure/vacuum pump, the user can source pressure or vacuum down to 22 inHg. The DPI603 can also measure voltage or current up to ± 50 Vdc or ± 55 mA DC. A 24V supply can power current loops or voltage transducers.

SPECIFICATIONS

Accuracy: $\pm 0.075\%$ FS ± 1 digit (for positive and negative readings)

Resolution: 0.005% FS maximum

Pressure Ranges: -14.7 to 15, +30, +100 or +300 psi

Operating Temp: -9 to 49°C (16 to 120°F)

Compensated Temp: 0 to 40°C (32 to 104°F)

Span Temp Effect: 0.013% FS/°C

Proof Pressure: 200% FS or 350 psi, whichever is less

Wetted Parts: 316 SS, Hastelloy® C276, nylon, FKM and brass

Voltage Range: ± 50 Vdc

Voltage Accuracy: $\pm 0.15\%$ rdg, $\pm 0.02\%$ FS



DPI603-300-A, pneumatic pump, \$3300, shown smaller than actual size.

Voltage Output: 24 Vdc, 25 mA max

Current Range: ± 55 mA DC

Current Accuracy: $\pm 0.075\%$ rdg, $\pm 0.005\%$ FS

Current Output: Loop check, fixed @ 12 mA source or sink

Response Time: 3 readings per second

Temp Coefficient (Electrical): 0.01% rdg/°C

Pressure Port: $\frac{1}{8}$ FNPT

Power: 4 "D" cell batteries (included); 50 hours nominal life (rechargeable Ni-Cad batteries and charger sold separately)

Dimensions: 320 H x 196 W x 127 mm D (12.6 x 7.7 x 5.0")

Weight: 4 kg (9 lb)

Pressure Scales: psi, lb/ft², inHg, inH₂O (40°F and 68°F), torr, atm, Pa, kPa, mPa, hPa, mbar, bar, kg/cm², kg/m², mmHg, cmHg, mmH₂O, cmH₂O, mH₂O, special; LCD can display 2 units

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	RANGE (psi)	DESCRIPTION
DPI603-15	\$2810	-14.7 to 15	Pressure calibrator with pump
DPI603-30	2810	-14.7 to 30	Pressure calibrator with pump
DPI603-100	2810	-14.7 to 100	Pressure calibrator with pump
DPI603-300	2810	-14.7 to 300	Pressure calibrator with pump
DPI603-15-A	3300	-14.7 to 15	Pressure calibrator w/vacuum pump
DPI603-30-A	3300	-14.7 to 30	Pressure calibrator w/vacuum pump
DPI603-100-A	3300	-14.7 to 100	Pressure calibrator w/vacuum pump
DPI603-300-A	3300	-14.7 to 300	Pressure calibrator w/vacuum pump

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
DPI603-BATTERY	\$100	Four D-cell NiCad batteries
DPI603-CHARGER	100	Charger for NiCad batteries
ME-0341	135	Reference Book: Pump Handbook

Comes complete with carrying case, electrical test leads, 4 "D" cell batteries, NIST calibration certificate and operator's manual.

Ordering Examples: DPI603-15-A, -14.7 to 15 psi unit with optional pressure/vacuum pump, \$3300.

DPI603-100, -14.7 to 100 psi pressure calibrator, \$2810.

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PRESSURE INSTRUMENTS

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• Flow and Level

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