

**Pressure**

# Portable Dual Pressure Calibrator

Table-top / Bench-top  
Dual **(Pneumatic & Hydraulic)** Model

*Ideal Lab / Site Tool for checking & Calibration of Pressure / Differential Pressure Gauges / Transmitters / Indicators / Loops, Pneumatic Receiver Gauges, Control Valves, Pressure / Transducers etc.- in Industrial & Marine Applications*

Heavy Duty **(Dual)** Pressure Calibrator

**Model**

**PPC-D**

- Dual Ranges : -0.85 Bar Vacuum to 20 Bar (Pneumatic) & 0 to 400 Bar (Hydraulic)
- Accuracy :  $\pm 0.05\%$  F.S.
- Automatic Temperature Compensation (0 to 50°C)
- Unique Combo 2-in-1 Space Saver
- Light Weight & Compact; Housed in Rugged Carry Case
- Large Graphic Display
- Touch Membrane Keypad
- Selectable Engineering Pressure Units
- DC Current Measurement : 50 mA (Active) & 25 mA (Passive)
- Switch Test capability & Zero Offset facility
- Audio & Visual Alarms for Over Pressure
- Pressure Transducer – all Media compatible with SS316
- Rechargeable Battery with 'Low Battery' indication
- Digital Pressure Indicator with 2 integral / built-in Pumps & Fine Adjustment Vernier



**Specifications****PPC-D****Ranges**

-0.85 Bar Vacuum to 20 Bar (Pneumatic) &  
0 to 400 Bar (Hydraulic) (Oil)

**Accuracy**

±0.05% F.S.

**Temperature Compensation**

0 to 50°C (Automatic)

**Resolution**

Minimum 5 digits

**Display**

Large Graphic Display

**Engineering Units**

Kg/cm<sup>2</sup>, Bar, mBar, PSI, mH<sub>2</sub>O, mmH<sub>2</sub>O, cmH<sub>2</sub>O,  
inH<sub>2</sub>O, ftH<sub>2</sub>O, mmHg, inHg, Atm, Mpa, Kpa, Pa

**mA Input**

50 mA (Active Loop) & 25 mA (Passive Loop)  
Load Resistance : 800 Ω

**Volt Input**

0 to 30V DC

**Resolution (mA / V)**

0.01

**Pressure Switch Test**

Maximum 5V DC (approx.)

**Medium**

Air & Oil (Water : optional) #

**Instrument Casing**

Trendy, Elegant 'Rugged' Case – Truly Portable

**Over Pressure Alarm**

120% FS (Audio / Visual)

**Pressure Generation**

Integral / inbuilt Pneumatic & Hydraulic Pumps with  
Fine Adjustment Vernier & Release Valves

**Battery**

Rechargeable Battery & Charger

**Low Battery Indication**

Provided

**Instrument Dimension**

425 x 335 x 200 mm (L x B x H)

**Instrument Weight**

10 Kg.

**STANDARD DELIVERY**

- Digital Pressure Calibrator
- Set of Adaptors (BSP & NPT)
- Hoses with End Fitting (Pneumatic & Hydraulic)
- Test Leads & Seals Kit
- Oil : 250 ml
- External Battery Charger
- Traceable Calibration Certificate
- Instruction Manual

**OPTIONALS**

- RS-232 Computer Interface
- "Calpress" Calibration Software
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory
- Water Operated #

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*Specifications subject to change owing to continuous development*



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