

# Portable Precision Pressure Calibrator

Pneumatic

PPC-P+

Table-top / Bench-top - Heavy Duty

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

## SALIENT FEATURES

- Light Weight & Compact
- Trendy, Elegant 'Rugged' Carry Case – Truly Portable
- Automatic Temperature Compensation (0 to 50°C)
- Large Graphic Display
- Touch Membrane Keypad
- Selectable Engineering Pressure Units
- DC Current & Voltage Measurement
- 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
- Built-in Pump & Fine Adjustment Vernier Assembly



## SPECIFICATIONS

|                             |                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------|
| Ranges                      | -0.85 to 2 / 7 / 10 / 20 bar                                                                          |
| Accuracy                    | ±0.025% F.S.                                                                                          |
| Temperature Compensation    | 0 to 50°C (Automatic)                                                                                 |
| Display Resolution          | Minimum 5 digits                                                                                      |
| Display                     | Large Graphic Display                                                                                 |
| Engineering Units           | Kg/cm2, bar, mbar, PSI, mH2O, mmH2O, cmH2O, inH2O, ftH2O, mmHg, inHg, Atm, Mpa, Kpa, Pa               |
| mA Input                    | 50 mA (Active Loop) & 25 mA (Passive Loop)                                                            |
| Volt Input                  | 0 to 30V DC                                                                                           |
| Resolution (mA / V)         | 0.001                                                                                                 |
| Over Pressure Alarm         | 120% FS (Audio / Visual)                                                                              |
| Instrument Dimension        | 2 / 7 / 10 bar Models : 330 x 235 x 125 mm (Lx B x H)<br>20 bar Model : 330 x 235 x 200 mm (Lx B x H) |
| Instrument Weight (approx.) | 2, 7, 10 bar Models : 4 Kg.      20 bar Model : 6 Kg.                                                 |

| STANDARD INCLUSIONS                                                                                                  |                            | OPTIONAL (ADD-ON) ITEMS                    |
|----------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------|
| Digital Pressure Calibrator                                                                                          | Hoses with End Fitting     | “Calpress” Calibration Software with Cable |
| Test Leads & Seals Kit                                                                                               | External Charger           |                                            |
| Computer Interface                                                                                                   | Instruction Manual         |                                            |
| Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards |                            |                                            |
| Set of Adaptors                                                                                                      | <u>BSP</u>                 | <u>NPT</u>                                 |
|                                                                                                                      | 1/8" BSP(F) X 1/4" BSP (M) | 1/8" NPT(F) X 1/4" BSP (M)                 |
|                                                                                                                      | 1/2" BSP(F) X 1/4" BSP (M) | 1/4" NPT(F) X 1/4" BSP (M)                 |
|                                                                                                                      | 3/8" BSP(F) X 1/4" BSP (M) | 1/2" NPT(F) X 1/4" BSP (M)                 |
|                                                                                                                      |                            | 3/8" NPT(F) X 1/4" BSP (M)                 |

Manufactured by



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