



PressCAL

High Accuracy Digital (Differential/Gauge/Absolute)
Pressure Indicator

Model No: TDP-01B



Applications

1. Calibrations & Testing laboratories.
2. Medical testing labs.
3. Research & development labs
4. Healthcare/ pharmaceuticals industries.
5. Engineering certification & Testing
6. High accuracy pressure measurement applications in the industry.

**Differential Mode
Gauge & absolute
Pressure Mode**

**Low Drift
High Repeatability
Multipoint
linearization**

**High -end
Microprocessor
based**



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Special Features

1. High end microprocessor based with excellent accuracy & linearity through out the range
2. Modern piezoresistive pressure sensor with ASIC
3. Low drift , high repeatability ends the measurement with high degree of confidence
4. User selectable multiple Pressure measurement units
5. Maximum & minimum peak hold function , user resettable
6. Automatic /Manual auto zero option available
7. Automatic overpressure /Over range display
8. Fully portable battery operated
9. Options for multiple ranges available on request
10. Enclosure protection Class IP-40, flame resistance ABS UL 94V-0
11. Hand held enclosure with Silicon rubber protection Grip

Technical Specification

1. Measurement Range : Various models & ranges available ranging from 0- 0.15 PSI & upto 100 PSI (Bidirection Pressure ranges also available in request).
2. Measurement Modes : Differential & Gauge pressure modes /Absolute pressure modes(Prior order basis).
3. High Accuracy : 0.1% Full scale
4. Resolution high resolution of 6 digits (For higher ranges depends upon the pressure range)
5. Linearity : Maximum 0.05% FS (Defined as best fit straight line)
6. User selectable 12 multiple Pressure measurement units : Kpa, pa , hPa,Bar,mBar, Kg/cm², PSI , mmWC, inWC, cmWC, mmHG, cmHG.
7. Power supply : 2 AA dry batteries , user replaceable
8. Battery Back up : 2 Hrs Continuous use with back light on
9. Measurement Media: Clean Dry gas/Air only
10. Weight; 410 g without carry case
11. Enclosure Dimensions : 165 mm(L) ,100mm(B) ,35 mm(W)
12. Pressure push fit Nipples : 2 units

Environmental conditions of use

1. Temperature: 0 °C. to 50 °C.
2. Relative Humidity: 0 % RH to 90 % RH(Non- condensing).

Satandard Accessories

1. Silicon Pressure tubes 0.7 Mtr length X 2
2. General test certificate
3. Operating & instruction Manual

Optional Accessories

1. Portable Black Carry Case with Cushion
2. 17025 Accredited calibration certificate
3. Extra Silicon Pressure pipes

