

Low Differential Pressure Calibrator



EPC 300

- Stable Reading
- High Accuracy
- No external gas supply require
- Light Weight & portable

Ordering Information

Model:

EPC300 - A or B or C or D or E

Accessories:

- 1) User Manual
- 2) Factory Calibration Certificate
- 3) x 1 Li-ion Battery Charger
- 4) Test Leads
- 5) x 1 high pressure quick connect hose
- 6) x 1 1/4" and 1/2" MNPT (UUT/DUT side)

Optional Liquid Trap Filter, P/N: TIS-LT
Length: 110, Diameter: 32mm
Volume: 30cc
Material: Stainless Steel, max 20 Mpa
Windows Based Software (Optional)

Pressure Specification

Internal Reference Ranges:

- Range A: $\pm 100\text{pa}$
- Range B: $\pm 500\text{pa}$
- Range C: $\pm 1000\text{pa}$
- Range D: $\pm 2500\text{pa}$
- Range E: $\pm 5000\text{pa}$
- Range F: $\pm 10,000\text{pa}$

Accuracy:

- 0.25% F.S ($\pm 100\text{pa}$)
- 0.1% F.S ($\pm 500\text{pa}$)
- 0.05% F.S ($\pm 1000\text{pa}$)
- 0.025% F.S ($> \pm 2500\text{pa}$)

Pressure Resolution:

6/5/4 Full Digits (Software Selectable)

Temperature Compensation:

0 ~ 50 °C to rated accuracy

Selectable Engineering Units:

Mpa, bar, kg/cm², kPa, psi, mbar
inH₂O@20C, inH₂O@4C, inHg
mmH₂O@20C, mmH₂O@4C

Control Stability:

- $\pm 1\text{pa}$ (typical)
- $\pm 0.5\text{pa}$ (short term)
- (using manual fine regulator)

Pressure Media:

Air

Electrical Inputs

mA Input Range:

$\pm 0 \sim 24\text{ mA}$ Loop Power (24Vdc)

mA Input Accuracy:

0.01 % FS

Volts Input Range:

$\pm 0 \sim 30\text{ Vdc}$

Volts Input Accuracy:

0.025 % FS

Switch Input:

Non-contact Input

General Specification

Display:

LCD Graphic Display, 128x64 dots

Warm Up Time:

5 mins

Communication:

RS232

Size:

315 x 255 x 150mm

Weight:

5 kg

Power:

14.8 V Li-ion / 3 Hours per charge

Operating Hours:

12 hours