

Automatic Portable Low Differential Pressure Calibrator

Pressure Specification

Internal Reference Ranges:

±100 pa, ±1000 pa, ±2500 pa,
±5000 pa, ±10,000 pa,
±5 kPa, ±100kPa

Accuracy:

±0.025 %FS, 0.01% FS

Pressure Resolution:

5 or 6 digits depending on
accuracy selected

Temperature Compensation:

0 ~ 50C to rated accuracy

Selectable Engineering Units:

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

Control Stability:

±0.05 pa@ less than 5 secs

Media Compatibility:

Built-in
electric pump (self generate)

Pressure Connection:

1/4", 1/2" NPT female

Electrical Inputs

mA Input Range:

±0 ~ 24 mA(24 VDC Loop Power)

mA Input Accuracy:

0.01 % FS

Volts Input Range:

±0 ~ 30 VDC

Volts Input Accuracy:

0.025 % FS

Switch Input:

Non-contact Input

General Specification

Display:

4.3" TFT Colour Touch Screen

Warm Up Time:

5 mins

Communication:

RS232

Size:

408 x 330 x 174mm

Weight:

5 kg

Power / Operating Hours:

Re-chargable Li-ion battery,

3 hours per charge,

8 hours continuous use/ per charge



APC150-LP

- Accuracy to 0.01% F.S
- Control Stability 0.002%F.S or ±0.05 pa in 5 secs
- Integrated, Automatic Pressure Generation. No external gas require

Ordering Information

Model:

APC150-LD (Range)

e.g. APC 150-LD (± 2500 pa)

Standard accessories:

- 1) Accredited Cal Certificate
- 2) Operating Manual
- 3) Adaptor/ Charger
- 4) x1 high pressure hose
- 5) Adaptors - 1/2" and 1/4" NPT Female
- 6) Warranty 1 year
- 7) PC based TIS Integrated Calibration software
TIS Cal-Ware