

Automatic Portable Low Differential Pressure Calibrator



APC 150-LD
(Portable Colour Touch Screen)

- Accuracy up to 0.01% F.S
- Control Stability within 15 secs
- 4.3" TFT Colour Touch Screen
- Integrated, Automatic Pressure Generation

Ordering Information

Model:

APC150-LD (Range)
e.g. APC 150-LD (± 2500 pa)

Standard accessories:

- 1) Factory Cal Certificate Traceable to International/ National Standard
- 2) Operating Manual
- 3) Adaptor/ Charger
- 4) x1 high pressure hose
- 5) Adaptors - 1/2", 3/8", and 1/4" NPT Female
- 6) Warranty 1 year
- 7) PC Calibration Software - CALWARE

Pressure Specification

Internal Reference Ranges:

± 2500 pa, ± 5000 pa, $\pm 10,000$ pa,
 $\pm 50,000$ pa

Accuracy:

± 0.025 % FS, Optional 0.01% FS

Pressure Resolution:

5 or 6 digits depending on accuracy selected

Temperature Compensation:

0 ~ 50 °C to rated accuracy

Selectable Engineering Units:

PSI, Mpa, bar, kg/cm², kPa, Pa, etc

Control Stability:

0.002% FS @ less than 15 secs

Media Compatibility:

Built-in

electric pump (self generate)

Pressure Connection:

1/4", 3/8", 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:

10 mins

Communication:

RS232

Size:

408 x 330 x 174mm (<150 psig)

Weight:

10 kg

Power / Operating Hours:

Re-chargable Li-ion battery,

3 hours per charge,

7 hours continuous use/ per charge