

Automatic Portable Pneumatic Pressure Calibrator



APC 150

- Accuracy up to 0.01% F.S
- Control Stability within 10 secs
- Custom Ranges (-atm to 70 bar)
- Integrated, Automatic Pressure Generation

Ordering Information

Model:

APC- 150 (Range)
e.g. APC- 150 (-atm to 20 barg)

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 based TIS Integrated Calibration software
TIS Cal-Ware

Pressure Specification

Internal Reference Ranges:

-atm to 70 barg/A
or any range below

Accuracy:

+0.025 % FS, Optional 0.01% FS

Pressure Resolution:

5 or 6 digits depending on accuracy selected

Temperature Compensation:

0 ~ 50 oC to rated accuracy

Selectable Engineering Units:

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

Control Stability:

0.002% FS @ less than 15 secs

Media Compatibility:

Built-in electric pump (self generate)

Pressure Connection:

1/8" 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 (<30 barg)

470 x 357 x 176mm (>30 barg)

Weight:

10 kg (<30 barg)

13 kg (>30 barg)

Power / Operating Hours:

Re-chargable Li-ion battery,

3 hours per charge

7 hours continuous use/ per charge