

Electric Pneumatic Pump Pressure Calibrator



EPC 300

- Cost Saving, dual pressure ranges
- High Accuracy of 0.025% F.S
- Fast Pressure Generation, 20 bar in < 60 sec
- New Technology Built-in Electric Pump
- 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: -0.95 ~ 30 barg
Range B: -0.95 ~ 20 barg
Range C: -0.95 ~ 10 barg
Range D: -0.95 ~ 7 barg
Range E: -0.95 ~ 2 barg
Optional dual Ranges (50% of F.S)

Accuracy:

0.025% F.S each range
(optional: 0.01% F.S)

Pressure Resolution:

6/5/4 Full Digits

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

Time Pressure Generation:

20 bar in < 60 sec

Control Stability:

±0.0005 bar
(using manual fine regulator)

Pressure Generation:

Built-in
electric pump (self generate),

Electrical Inputs

mA Input Range:

±0 ~ 24 mA Loop Power (24Vdc)

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:

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