

Electric Pneumatic Pump Pressure Calibrator



EPC600

- Built-in Pneumatic Electric Pump to 70 bar (Optimal to 100 bar)
- PC Easy Cal Software (Optional) (for FAST pressure gauge calibration)

Ordering Information

Model:

EPC600 - 7/20/40/70/100 bar

Standard accessories:

- 1) Factory Cal Certificate Traceable to International/ National Standard
- 2) Operating Manual
- 3) Adapter/Charger
- 4) X1 high pressure hose
- 5) Adaptors - 1/2", 3/8", and 1/4" NPT Female
- 6) Warranty 1 year

Pressure Specification

Internal Reference Ranges:

(-0.95 bar) ~ 7 bar, 20 bar, 40bar, 70 bar, 100 bar

Accuracy:

0.025 % FS or 0.01 % FS

Pressure Resolution:

6/5 Full Digits

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

Time Pressure Generation:

0~7 bar (<1 min), 0~20 bar (<2 mins),
0~40 bar (<3 mins)

Control Stability:

±0.001 bar

(using manual fine regulator)

Pressure Generation:

Built-in electric pump
(self generate),
Maximum 70 bar
Optional 100 bar

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

Optional Software:

Easy Cal

(for Pressure Gauge Calibration)

Optional Vacuum:

-0.99 bar

Size:

400 x 330 x 170mm (for ≤70 bar)

470 x 357 x 176mm (for > 70 bar)

Weight:

10 kg (for ≤70 bar)

12 kg (for > 70 bar)

Power:

14.8 V Li-ion / 3 Hours per charge

Operating Hours:

10 hours