

Electric Hydraulic Pump Pressure Calibrator



EPC600H
(Colour Touch Screen)

- Automatic Pressure Point Control
- Built-in Hydraulic Electric Pump to 400 bar (Optional to 700 bar)
- PC Easy Cal software (for FAST pressure gauge calibration)
- Pressure Switch Test
- 4.3" TFT Colour Touch Screen

Ordering Information

Model:

EPC600H - 100/200/400/700 bar

Standard accessories:

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

Pressure Specification

Internal Reference Ranges:

0~100 bar, 0~200 bar,
0~400bar, 0~700 bar

Accuracy:

0.05 % FS, 0.025 % FS or 0.01 % FS

Pressure Resolution:

5 Full Digits (0.05 % / 0.025 % FS),
6 Full Digits (0.01 % FS)

Temperature Compensation:

0 ~ 50 °C to rated accuracy
Selectable Engineering Units:
Mpa, bar, kg/cm², kPa, psi, etc

Time Pressure Generation:

< 30 seconds

Automatic Control Stability:

±0.001 bar

(using manual fine regulator)

Pressure Generation:

Built-in

electric pump (self generate),

Maximum 400 bar

Optional to 700 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)

Size:

400 x 330 x 170mm

Weight:

10 kg

Power:

14.8 V Li-ion / 3 Hours per charge

Operating Hours:

10 hours