

# Electric Pneumatic Pump Pressure Calibrator



EPC 300

- Cost Saving, dual pressure ranges
- High Accuracy of 0.01% F.S / 0.025% F.S
- Fast Pressure Generation, 2,000kPa in < 45 sec
- Built-in Electric Pump - New Technology
- No external gas supply require
- Light Weight rugged & portable  
Rechargeable Battery

## Ordering Information

### Model:

EPC300 - A or B or C or D or E or F

### 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 1x quick connect to 1/4" MNPT
- 7) Warranty 1 Year

Optional Liquid Trap Filter, P/N: TIS-LT  
Length: 110, Diameter: 32mm  
Volume: 30cc  
Material: Stainless Steel, max 20 Mpa  
Windows Based EasyCal Software (Optional)

## Pressure Specification

### Internal Reference Ranges:

Range A: -0.95 ~ 40 barg  
Range B: -0.95 ~ 30 barg  
Range C: -0.95 ~ 20 barg  
Range D: -0.95 ~ 10 barg  
Range E: -0.95 ~ 2 barg  
Range F: -0.95 ~ 1 barg

### 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/cm<sup>2</sup>, kPa, psi, mbar  
inH<sub>2</sub>O@20C, inH<sub>2</sub>O@4C, inHg  
mmH<sub>2</sub>O@20C, mmH<sub>2</sub>O@4C

### Time Pressure Generation:

2,000 kPa in < 45 sec

Control Stability:

±0.02 kPa

(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