



## PPC-P/H Compact Pressure (Pneumatic or Hydraulic) Calibrators

With built-in Pressure & Vacuum Hand Pump with Vernier Adjustment Values

Our PPC-P/H Compact Pressure Calibrators are ideal site tools for checking & calibrating Pneumatic or Hydraulic pressure equipment in the field or lab.

- Pneumatic: -.85 to 2 / 7/ 10 Bar (to 30/100/150 PSI)  
Hydraulic: 0 to 200 / 400 Bar (to 3,000/6,000 PSI)

- Overall Accuracy:  
± 0.05% F.S. + 1 digit

- Pressure Release Value

- Audio & Visual Alarms for over pressure

- DC Current Measurement  
Active Loop: 50mA  
Passive Loop: 25mA

- Offers Advance Microprocessor Based Capabilities

- Displays Engineering Units:  
Mpa, atm, Bar, Kg/CM<sup>2</sup>, PSI, inHg, Pa, kPa  
ftH<sub>2</sub>O, mmHg, mBar, CmH<sub>2</sub>O, mmH<sub>2</sub>O,

- NIST Calibration Certification Included



Accurate

Cost Effective

Easy to use

Efficient

Fast

Portable

Reliable

Sturdy



**E Instruments International**

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## PPC-P/H Compact Pressure (Pneumatic or Hydraulic) Calibrators

### PPC-P / PPC-H Calibrators

The **PPC-P/H Compact Pressure Calibrators** are portable calibrators that offers fast pressure calibration in an easy to use design for Pneumatic (2/7/10 Bar) or Hydraulic (200/400 Bar) pressure ranges.

### Ships with built-in Hand Pump

**DC Current Measurement**  
Active Loop: 50mA &  
Passive Loop: 25mA

**Overall Accuracy:**  
±0.05% F.S. + 1 digit



### Applications

The PPC-P 2/7/10 or PPC-H 200/400 are designed to verify and calibrate Pneumatic or Hydraulic pressure sites in the field or in the lab.

**Pneumatic Ranges:**  
-0.85 to 2/7/10 Bar  
(30/100/150 PSI)

**Hydraulic Ranges:**  
0 to 200/400 Bar  
(to 3,000/6,000 PSI)

**Resolution:**  
Minimum 5 digit /Graphic

### PPC-P/H Dual Pressure Calibrator Specifications

|                           |                                                                                                                                |                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>Range:</b>             | * See above tabs on right *                                                                                                    | * Specifications subject to change *                                     |
| <b>Resolution:</b>        | Minimum 5 digit / Graphic Display                                                                                              | <b>Dimensions (WxHxD)</b><br>339 x 295 x 152mm<br>(13.3" x 11.6" x 6.0") |
| <b>Overall Accuracy:</b>  | ±0.05% F.S. + 1 digit                                                                                                          | <b>Weight:</b><br>PPC-P 5.5Kg (12.1lbs)<br>PPC-H 8.5Kg (18.7lbs)         |
| <b>Pneumatic Range:</b>   | -0.85 to 2/7/10 Bar (30/100/300 PSI)                                                                                           |                                                                          |
| <b>Hydraulic Range:</b>   | 0 to 200/400 Bar (3,000/6,000 PSI)                                                                                             |                                                                          |
| <b>mA Input:</b>          | Active Loop: 50mA / Passive Loop: 25mA                                                                                         |                                                                          |
| <b>Voltage Input:</b>     | 0 to 30 VDC                                                                                                                    |                                                                          |
| <b>Resolution (mA/V):</b> | 0.01 mA/V                                                                                                                      |                                                                          |
| <b>Engineering Units:</b> | Mpa, atm, Bar, Kg/CM <sup>2</sup> , PSI inHg, Pa, kPa, ftH <sub>2</sub> O, mmHg, mBar, CmH <sub>2</sub> O, mmH <sub>2</sub> O, |                                                                          |
| <b>Power Supply:</b>      | Rechargeable Battery unit &<br>Low Battery Indicator on unit                                                                   |                                                                          |
| <b>Warranty:</b>          | 1 Year Warranty                                                                                                                |                                                                          |

### Model No. Ordering Information

- PPC-P2** - 2 Bar Pneumatic Compact Pressure Calibrator
- PPC-P7** - 7 Bar Pneumatic Compact Pressure Calibrator
- PPC-P10** - 10 Bar Pneumatic Compact Pressure Calibrator
- PPC-H200** - 200 Bar Hydraulic Compact Pressure Calibrator
- PPC-H400** - 400 Bar Hydraulic Compact Pressure Calibrator

**Product Includes:**  
PPC-P or PPC-H Compact Pressure unit with built-in Indicator, Pressure/Vacuum Pump & Vernier / Release Value), Manual, a Set of BSP or NPT Adaptors & Test Leads, Traceable Calibration Certificate

### PPC-P/H - Accessories

**PPC-PH-Hxxx** - Hose with end fitting to match gauges

#### Note:

Replace "xxx" with required hose/connection

**NPT-1** - Set of 4 NPT adaptors

1/4" BSP (M) to 1/8" NPT (F)

1/4" BSP (M) to 3/8" NPT (F)

1/4" BSP (M) to 1/2" NPT (F)

1/4" BSP (M) to 1/4" NPT (F)

**BSP-1** - Set of 4 BSP adaptors

1/4" BSP (M) to 1/8" BSP parallel female

1/4" BSP (M) to 3/8" BSP parallel female

1/4" BSP (M) to 1/2" BSP parallel female

3/8" BSP (F) to 1/4" BSP (F)