



## PPC-P/H Dual Pressure (Pneumatic/Hydraulic) Calibrator

Ships with 2 independent Pneumatic & Hydraulic built-in Pumps with Vernier

The PPC-P/H Dual pressure calibrator unit is ideal site tool for checking & calibrating both Pneumatic and Hydraulic pressure equipment in the field or lab.

- **Dual Range:**  
Pneumatic: -.85 to 20 Bar (300 PSI)  
Hydraulic: 0 to 400 Bar (6,000 PSI)
- **Overall Accuracy:**  
 $\pm 0.05\%$  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 Dual Pressure (Pneumatic/Hydraulic) Calibrator

### Dual Pressure Calibrator

The **PPC-P/H Dual Pressure Calibrator** is a portable source that offers fast pressure calibration in an easy to use design for both Pneumatic & Hydraulic pressure ranges.

### Ships with built-in Hand Pumps

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

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



### Applications

The **PPC-P/H Dual Pressure Calibrator** is designed to verify and calibrate both Pneumatic and Hydraulic pressure sites in the field or in the lab.

**Pneumatic Range:**  
-0.85 to 20 Bar (300 PSI)

**Hydraulic Range:**  
0 to 400 Bar (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> 406 x 330 x 174mm (16" x 13" x 6.9")
<b>Overall Accuracy:</b>	±0.05% F.S. + 1 digit	<b>Weight:</b> 9.5Kg (21 lbs)
<b>Pneumatic Range:</b>	-0.85 to 20 Bar (300 PSI)	
<b>Hydraulic Range:</b>	0 to 400 Bar (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 & Low Battery Indicator on unit	
<b>Warranty:</b>	1 Year Warranty	

### Model No. Ordering Information

**PPC-PH-D1** PPC-P/H Dual unit - Dual Pressure Ranges (with built-in Indicator, Pressure/Vacuum Pump & Vernier / Release Values), Manual, a Set of BSP or NPT Adaptors & Test Leads, Traceable Calibration Certificate

### FPC-P/H Dual - Accessories

**PPC-D1-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)