

## Instrumentation & Metrology Air Compressor

Desktop  
version



CPY-250

CPY-500

CPY-750

CPY-1000



Rack Mount  
version

These Compressors have been specially developed for use in testing and calibration of pneumatic instruments.

- Suitable to provide a clean air for PCON-Y17 Pressure Controller.
- Oil free (No oil needed) and clean air.
- Digital control with hysteresis to adjust pressurizing value (setpoint).
- Available in 3 models: Desktop, Rack Mount and Field Service.
- The model FS can be operated using batteries.
- Models for maximum pressures of 250 psi (17 bar), 500 psi (35 bar), 750 psi (52 bar) and 1000 psi (70 bar).
- All can generate - 12 psi (-0,080 MPa, - 0,80 bar) vacuum.



Field Service  
version

**Presys Compressors  
make Nitrogen Bottles  
unnecessary !**



# Technical Specifications

## Order Code

CPY - [ ] - [ ] - [ ]

### Maximum Pressure

- 250 psi (17 bar)
- 500 psi (35 bar)
- 750 psi (52 bar)
- 1000 psi (70 bar)

### Mounting Version

- DT - Desktop Version (for Workbench use)
- RM - Rack Mounting Version (Fixed in a 19" Rack or Workbench)
- FS - Field Service Version (Portable version for field use)

### Power Supply

- 1 - 100 to 240 Vac 50/60 Hz
- 2 - Battery, optionally for model FS.

Presys Industrial Compressors (CPY line) are designed to meet the specific needs of calibrating pneumatic instruments where clean air is required (oil free).

The adjustment of the pressure setpoint is performed with ease and precision, allowing the use of high pressuring values with the safety of using an internal tank that does not accumulate a large amount of air (vent function).

The compressor presents a low flow rate.

## Desktop

**Dimensions (HxWxD):** 280 x 210 x 330 mm

**Weight:** 8.0 kg (CPY-250), 8.5 kg (CPY-500)  
11 kg (CPY-750), 12 kg (CPY-1000).

## Rack Mount

**Dimensions (HxWxD):** 132 x 483 x 300 mm

**Weight:** 10.0 kg (CPY-250), 10.5 kg (CPY-500)  
13 kg (CPY-750), 14 kg (CPY-1000).

## Field Service

**Dimensions (HxWxD):** 417 x 221 x 334 mm

**Weight:** 9.0 kg (CPY-250), 9.5 kg (CPY-500)  
12 kg (CPY-750), 13 kg (CPY-1000).

**Body:** Poly propylene

**Power Supply:** 100 to 240 Vac 50/60Hz.

**Operation Temperature Range:** 10 to 50 °C.

**Pneumatic Output Connection:** 1/8" Female BSP.

**Relative Humidity:** 0 to 90 % RH.

**Resolution:** 1 psi, 0,1 bar, 0,1 kgf/cm<sup>2</sup>.

**Accuracy:** 0,5 % FS

**Warranty:** 1 year

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