



## Description

The 7161P and 7161H are benchtop pressure manifolds that provide four additional test ports during pressure calibration. The 7161P can be used for pneumatic pressure calibration up to 200 bar (3000 psi), and the 7161H is suitable for hydraulic pressure applications up to 700 bar (10,000 psi). Both manifolds are design for leak tight connections and the 7161P pneumatic model features a built-in filter to prevent contamination introduced by devices under test.

Each manifold is fitted with four hand-tight quick connectors that allow users to connect devices for test quickly and easily, without the use of wrenches or PTFE tape. This method increases productivity with the pressure input situated on the base of the manifold, enabling a simple configuration when used with a pressure controller, calibrator or CalBench module.

These manifolds are ideal to complement Time Electronics CalBench systems when pneumatic or hydraulic modules are fitted in the consoles. They provide an ergonomic and simple set up for positioning pressure gauges, transmitters and other pressure devices for testing on the CalBench.

Various thread configurations are available with 1/4 " BSP female to four 1/4 " BSP female being the standard. Manifolds can also be ordered with 1/2 " BSP 1/4 " NPT, 1/2 " NPT and M20 upon request.

## Specifications

**7161P/7161P-NPT** ..... Pneumatic, for use from -1 to 200 bar (-15 psi to 3000 psi)

**7161H/7161H-NPT** ..... Hydraulic, for use from -1 to 700 bar (-15 psi to 10,000 psi)

**Connections** ..... Finger-tight connectors (4 on top and 1 on base for input)

**Connection Thread Type** ..... 7161P/7161H: 1/4 " BSP  
7161P-NPT/7161H-NPT: 1/4 " NPT  
1/2 " BSP, 1/2 " NPT and M20 upon request

**Dimensions** ..... Total: W 265 x D 335 x H 163 mm (including feet and ports)  
Feet height: 70 mm / Base dimensions: W 265 x D 265 x H 23 mm  
Top output ports: H 70 mm  
Distance between quad ports: 205 mm

**Weight** ..... 5.88 kg

## Features

- Quad port benchtop pressure manifolds
- 7161P: For pneumatic -1 to 200 bar
- 7161H: For hydraulic -1 to 700 bar
- Hand-tight quick connectors
- Suitable for use with pumps and gauges
- Built-in filter on 7161P pneumatic unit
- Ideal for use with CalBench modules
- Suitable for use with 8030 pressure controller
- Robust design for lab or field use

## Ordering Information

**7161P**  
Pneumatic Pressure Manifold (-1 to 200 bar, 1/4 " BSP ports)

**7161P-NPT**  
Pneumatic Pressure Manifold (-1 to 200 bar, 1/4 " NPT ports)

**7161H**  
Hydraulic Pressure Manifold (-1 to 700 bar, 1/4 " BSP ports)

**7161H-NPT**  
Hydraulic Pressure Manifold (-1 to 700 bar, 1/4 " NPT ports)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.