

## HPC500, System A

- AXX/0 to 2 bar (0 to 30 psi)
- AHX/0 to 40 bar (0 to 580 psi)



This system includes the HPC calibrator together with one pneumatic hand pump: T-960 and T-970, depending on the chosen pressure range. System A is an easy-to-use single hand operated calibration system. No need for a flat surface to operate the system - just hold it in your hand.

The system comes in a carrying case with cut-outs for fittings, hose, and the complete assembled calibration unit - no time is required to assemble the unit. The calibrator can at any time be used separately for other pressure test jobs.

A special quick connector between the pump and the calibrator makes it possible to separate the system in seconds and swivel the calibrator for easy viewing.

The HPC calibrators used in System A are delivered calibrated in both pressure and vacuum.

### T-960 and T-970 pumps for system A

Model T-960 pneumatic pressure pump features an extended range volume adjuster for precise control of the pump pressure and a comfortable pistol grip handle.

Model T-970 pneumatic pressure pump is similar to the T-960, but generates pressures up to 40 bar (580 psi).

Pressure range, T-960.....	0 to 2 bar (30 psi)
Pressure range, T-970.....	0 to 40 bar (580 psi)
Type.....	Pneumatic
Test medium.....	Air
Operation.....	Scissor
"O"-rings .....	Buna-N
Wetted parts.....	Aluminum, brass, stainless steel, nylon, Nylatron GS
Connection to test object.....	Hose 0.6 m/24 in with 1/4" BSP and NPT female terminations
Size.....	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in
Weight .....	1.4 kg / 3.0 lb

### Included with System A delivery

- HPC standard delivery (see page 6)
- Hand pump T-960 or T-970 with a 0.6 m / 24 in hose with 1/4" BSP and NPT female terminations
- 3/8" BSP female adapter with 1/4" BSP and NPT female terminations
- Quick connector between pump and HPC calibrator
- 1 roll of Teflon tape
- Protective carrying case

### Accessories

- Pressure hose for T-960/970, 0.5 meter
- Pressure hose for T-960/970, 1.0 meter
- Pressure hose for T-960/970, 2.0 meter
- Pressure hose for T-960/970, 5.0 meter
- Set of BSP female fittings, Teflon tape, packings  
\* Fitting size : 1x1/8", 1x3/8", 1x1/2"
- Set of NPT female fittings, Teflon tape, packings  
\* Fitting size : 1x1/8", 1x1/4", 1x3/8" 1x1/2"
- Connections for APM H/S pressure modules
- Fitting 1/8" NPT male to 1/4" NPT male for APM-H pressure module
- Fitting 1/4" NPT male to 1/4" NPT male for APM-S pressure module

## HPC500, System B

- BXX/Vacuum to 2 bar (30 psi)
- BHX/Vacuum to 40 bar (580 psi)



This system includes the dual function pneumatic hand pump. With this pump you can calibrate both vacuum and pressure applications. It takes just a few seconds to switch between vacuum and pressure, just push one button (valve) on the T-975 hand pump.

The System B comes in a carrying case with cut-outs for fittings, hose and the complete assembled calibration unit - no time required to assemble the unit before use.

The calibrator and the pump are fitted with a special quick connector that makes it possible to separate the system in seconds without any tool. This quick connector also makes it possible to use the assembled system with the calibrator twisted to any angle.

### T-965 and T-975 hand pumps for system B

Model T-965 and T-975 pneumatic pressure pumps feature both vacuum and pressure generation. A quick switch (valve) makes it easy to switch from vacuum to pressure measurement. A built-in release valve, volume adjuster for fine adjustment and dual pressure output enable a safe and simple operation. The unit offers both metric and imperial threads on the reference connection and the hose.

Pressure range, T-965.....	vacuum to 2 bar (30 psi)
Pressure range, T-975.....	vacuum to 40 bar (580 psi)
Type.....	Pneumatic
Test medium.....	Air
Operation.....	Scissor
"O"-rings .....	Buna-N
Wetted parts.....	Aluminum, brass, stainless steel, nylon, Nylatron GS
Connection to test object.....	Hose 0.6 m/24 in with 1/4" BSP and NPT female terminations
Size.....	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in
Weight .....	1.4 kg / 3.0 lb

### Included with System B delivery

- HPC standard delivery (see page 6)
- Hand pump T-965 or T-975 with a 0.6 m / 24 in hose with 1/4" BSP and NPT female terminations
- 3/8" BSP female adapter with 1/4" BSP and NPT female terminations
- Quick connector between pump and calibrator
- 1 roll of Teflon tape
- Protective carrying case

### Accessories

- Pressure hose for T-975, 0.5 meter
- Pressure hose for T-975, 1.0 meter
- Pressure hose for T-975, 2.0 meter
- Pressure hose for T-975, 5.0 meter
- Set of BSP female fittings, Teflon tape, packings  
\* Fitting size : 1x1/8", 1x3/8", 1x1/2"
- Set of NPT female fittings, Teflon tape, packings  
\* Fitting size : 1x1/8", 1x1/4", 1x3/8" 1x1/2"
- Connections for APM H/S pressure modules
- Fitting 1/8" NPT male to 1/4" NPT male for APM-H pressure module
- Fitting 1/4" NPT male to 1/4" NPT male for APM-S pressure module