

Pumps

Pumps and adapters
for the Eurotron Calibrators



MULTIFUNCTION CALIBRATORS

- ▶ Vacuum to 95%
- ▶ Pneumatic Range to 35 bar / 500 psi
- ▶ Hydraulic Range to 700 bar/10,000 psi
- ▶ Controlled Pressure Release Valve
- ▶ Fine Adjustment
- ▶ Priming Operation Mode
- ▶ Comprehensive Range of Kit Available



F3280013 - Pneumatic Pump from -0.85 to 2 bar



The **pneumatic** axial pressure generator is light, compact and with aluminium made body. The pump generate both pressure and vacuum. Two quick connections let the connection of the pump to the manometer and to the one under test simplifying the connections. The pump also includes a pin valve for fine volume adjustments (better that 0.1 mbar).

Output connections:

2, for 4 mm tubes

Supplied accessories:

2 tubes 4 mm + 1 1/4" BSPF adapter

Range:

from -0.85 to 2 bar

Dimension:

170 mm x 46 mm

Weight: 590 g

F3280019 - Pneumatic Pump from -0.96 to 40 bar



The rugged pneumatic pressure claw generator and generate both pressure and vacuum. It is possible connect both the reference manometer (directly on the body pump) and the instrument under test thanks to the two connections. The pump also includes a pin valve for fine volume adjustments and to get the desired pressure more quickly.

The 3/8" BSPF connection on its body allows the directly connection of the **MicroCal P200** without adapters.

Output connections:

1 3/8" BSPF on the body

1 3/8" BSPF

Range:

from -0.96 to 40 bar

Dimension:

220 x 105 x 63 mm

Weight: 510 g

F3280018 - Hydraulic Pump from 0 to 350 bar



The hydraulic pressure claw generator is compact, light and simple to use. The system also include a valve to compensate the fluid return from a pressure circuit.

The transparent tank, even if it allows a normal use, can be filled during the usage in case of very long hydraulic circuits. The maximum pressure is 350 bar.

Output connections:

1 with 1/4" NPTF on the body

1 with 1/4" NPTM

Range:

from 0 to 350 bar

Compatible fluids:

Distilled water

Mineral hydraulic oil

F3280015 - Hydraulic Pump from 0 to 700 bar



The hydraulic pressure claw generator is compact, light and simple to use. It can mount the reference manometer directly on its body for a complete calibration system. The pump includes a selector to get the maximum pressure in a quick and non difficult way. The high capacity tank (100 cc) can be also filled during the usage. The pump also includes a pin valve for fine volume adjustments. The 3/8" BSPF connection on its body allows the directly connection of the **MicroCal P200** without adapters.

We suggest you the **hydraulic tube EE372008**, for pressures up to 1000 bar:

It's a 4-layer low distortion tube, made in inox steel and Nylon. The tube kit includes two security connectors-adapters (usually closed) with 1/4" BSPM and 1/4" BSPF plug



Output connections:

1 3/8" BSPF on the body

1 1/4" BSPF

Range:

from 0 to 700 bar

Compatible fluid:

Distilled water

Mineral hydraulic oil

Dimensions:

236 x 159 x 70 mm

Weight: 1.6 kg

F3280022 - 700 bar Compact Hydraulic Bench



The F3280022 manual pressure generator is a system created to solve the problems of calibration and checking of dial manometers, transducers, pressure transmitters and pressure switches with a first line sample carrying SIT certification. The pressure fluid is pressurised by means of an internal piston, which allows micrometric adjustment of the pressure with very low effort, thanks to a screw system. The structure is in aluminium for easier handling, and comprises a central reservoir for the hydraulic circuit fluid, a drain ball valve, a system for sealing the reservoir for transport, and two 1/2" gas connections for connecting the sample manometer to the device for calibration. The generator is complete with gaskets and with travelling case including two compartments for the sample manometers.

Output connections:

2 with 1/2" GAS

Range:

from 0 to 700 bar

Compatible fluid:

Mineral hydraulic oil

Dimensions:

230 x 180 x 40 mm

Weight: 4.5 kg