



APPLICATIONS

- Assembly and commissioning
- Manufacturing and production
- Maintenance and service
- Quality assurance and test equipment monitoring
- Repair

SPECIFICATIONS

Pressure ranges

P700.3 | 0...700 bar
P1000.2 | 0...1000 bar

Pressure medium

Demineralized water or hydraulic oil

DESCRIPTION

The hydraulic hand test pumps are designed to enable the direct connection of all pressure systems to be tested using adapters. The test sample is easily connected using the rugged industrial hose with integrated quick coupling and supplied adapters. The reference is fitted directly at the top of the pump using a positioning adapter.

The required test pressure is initially generated using the handles and then adjusted precisely with the fine adjustment valve. As a result, the pressure on both instruments is the same. The pressure relief valve allows continuous pressure reduction and ensures accurate and easy testing, even with decreasing pressure.

Hydraulic hand test pump

Water and oil are used as pressure media. The easily operated hydraulic hand test pump is specifically designed for the medium to high-pressure range. They have a built-in reservoir for the hydraulic fluid. The hydraulic hand test pump is suitable for testing, adjusting and calibrating pressure sensors, pressure gauges, pressure switches, safety valves and all types of pressure devices. They are optimised in their function and use and assist in the performance of specific tests and inspections.



HYDRAULIC HAND PUMP
TYPE 700.3/1000.2



OPTIONS

- Testing, adjustment and calibration of all types of pressure gauges
- Precise adjustment thanks to ultra-fine thread pitch and large volume control valve
- High pressure generation with minimum effort
- Large calibration volume (300 ml)

TECHNICAL FEATURES



TYPE	P700.3	P1000.2
Pressure range	0...700 bar	0...1000 bar
Pressure medium	Demineralized water or hydraulic oil	
Reference pressure gauge	G $\frac{1}{4}$	
Test sample	G $\frac{1}{4}$ with quick coupling and pressure hose (1 m)	G $\frac{1}{4}$ with quick coupling and pressure hose (1 m)
Dimensions	Approx. 255 x 225 x 85 mm	
Weight	Approx. 1,7 kg	Approx. 1,9 kg
Dimensions (case)	450 x 370 x 125 mm	
Weight	4,8 kg	5,0 kg
+ Adapter kit	Stainless steel, G $\frac{1}{8}$, G $\frac{1}{4}$, G $\frac{3}{8}$, G $\frac{1}{2}$, $\frac{1}{8}$ NPT, $\frac{1}{4}$ NPT, $\frac{1}{2}$ NPT, M12 x 1.5, M20 x 1.5, G $\frac{1}{8}$, G $\frac{1}{4}$	
+ Seal kit	PA flat gaskets and O-rings	