

High- & Low-Pressure Units

No. 421 000 · HD1+1

High-Pressure testing unit, model HD1+1

Combined stationary High-Pressure testing unit HD1+1 for testing of pressure cylinders.





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Pressure test:

- » Testing unit to test CO₂-extinguishers, steel bottles or similar with large conical CO₂ female thread (W21,8 x 1/14")
- » max. diameter: 140 mm
- » min. diameter: 60 mm
- » max. admitted height: 1100 mm
- » Two separate clamping positions, equipped with quick-adaptor. These are equipped with ascending pipes according to the size of the cylinder
- » Adaptation of the cylinder at the quick-adaptor; the cylinder is placed head down on the adaptor
- » Clamping of cylinder is effected pneumatically
- » Control of the complete procedure by SPS
- » Testing procedure is started manually by button, operation works automatically by SPS
- » During pressure raise the testing area is protected by a sliding door. Water filling comes out of the water tank through the pressure line directly into the pressure tank
- » Pressure build-up by compressed-air driven one piston pump (all parts getting in touch with water are made of special steel)
- » Pressure indication by sensor which is shown on a digital display
- » Disconnection at the preset pressure is automatically; indication of the present pressure at the display
- » Control of pressure after adjusted stop period is automatically; signalling when pressure test has been unsuccessful
- » In case of successful test, the cylinder is emptied automatically by compressed-air assistance. Water gets directly into the water tank
- » Pressure test is effected on each cylinder separately
- » Pressure test: High-Pressure 0 – 450 bar
- » Pressure test is effected mutually
- » Fast emptying of the cylinders by blowing the water out by compressed-air
- » Illumination of the unit

Optional available at extra charge:

- » Control system to memorize data by PC
- » Possibility to adjust data of cylinder by keyboard
- » Indication and printing of pressure course by software program with display

TECHNICAL DATA

Dimensions (l x w x h) switch box and control unit:	approx. 2200 x 2200 x 950 mm
Compressed-air:	1/2"
Connection for water supply of pressing pump:	1/2"
Connection for water emptying:	1"
Motor:	230 V, 50 Hz, 10 A
Filling pump:	230 V
Drive of High-Pressure pump:	max. 10 bar

