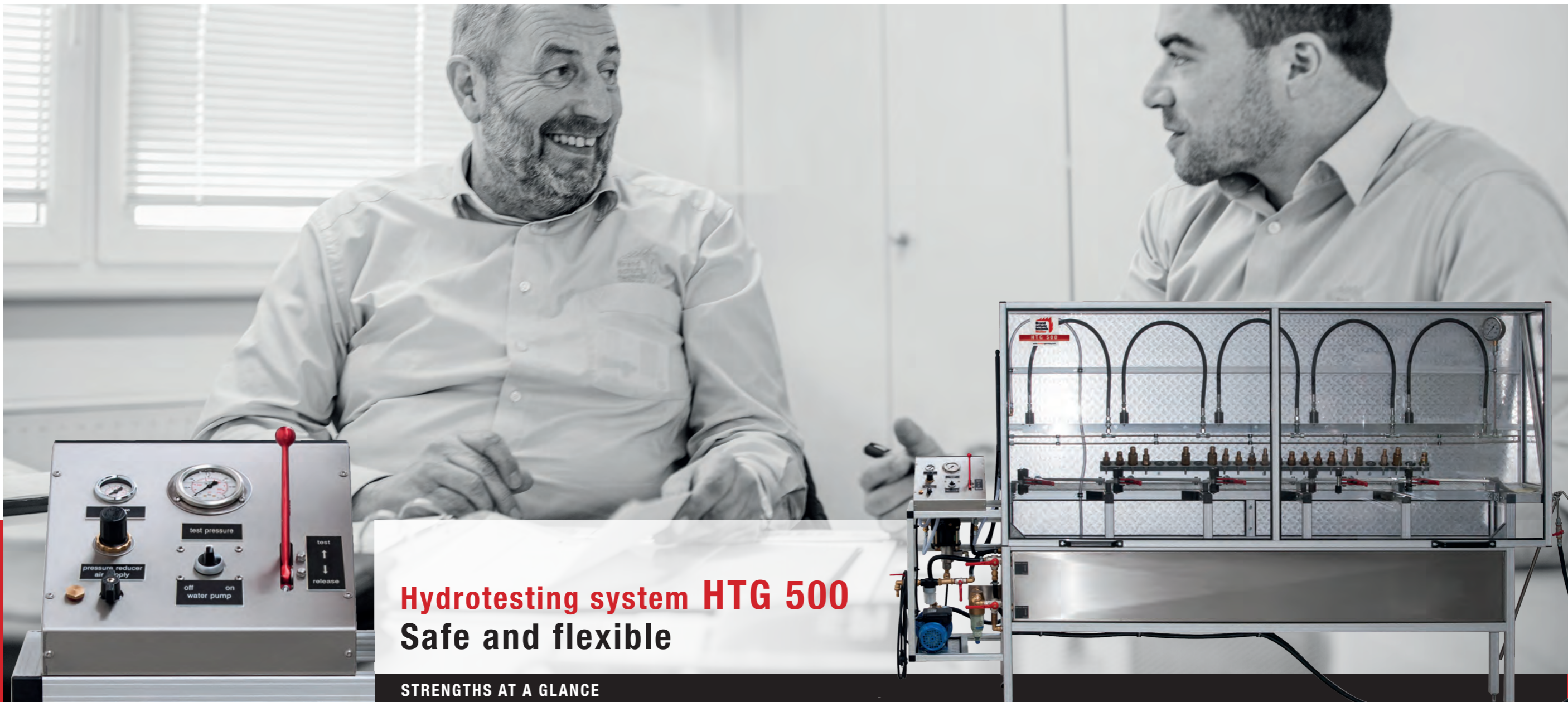




• The exactly adjusted test pressure can be read at the test gauge (Class 1.0).



Hydrotesting system HTG 500 Safe and flexible

STRENGTHS AT A GLANCE

- NON-HAZARDOUS PRESSURE TESTING OF METALLIC COMPRESSED GAS CYLINDERS
- CLAMP, FILL, TEST AND EMPTY WITH SHORT WORK CYCLES

• The hydrotesting system HTG 500 can test steel or aluminium compressed gas cylinders with an adjustable test pressure of up to 500 bar. The system guarantees the highest possible operator protection because in the event of a bursting cylinder, the water pressure test only releases minor volume for decompression, and the high strength polycarbonate glazing is additional protection. The system can be expanded with an additional test bench, enabling considerable time savings thanks to alternating work.



The hydrotesting system HTG 500 can simultaneously test up to 5 steel or aluminium compressed gas cylinders with a test pressure of up to 500 bar, e.g. CO₂ fire extinguishers, CO₂ cylinders, breathing apparatus compressed air bottles.

Test adapters for HTG 500 (surcharge)

1	Art.-No. 187101	Test adapter, small conical
2	Art.-No. 187102	Test adapter, large conical
3	Art.-No. 187320	Test adapter, cylindrical M18 x 1.5
4	Art.-No. 187321	Test adapter, cylindrical M25 x 2
5	Art.-No. 187322	Test adapter, cylindrical M30 x 2

• Special test adapter. (upon request)

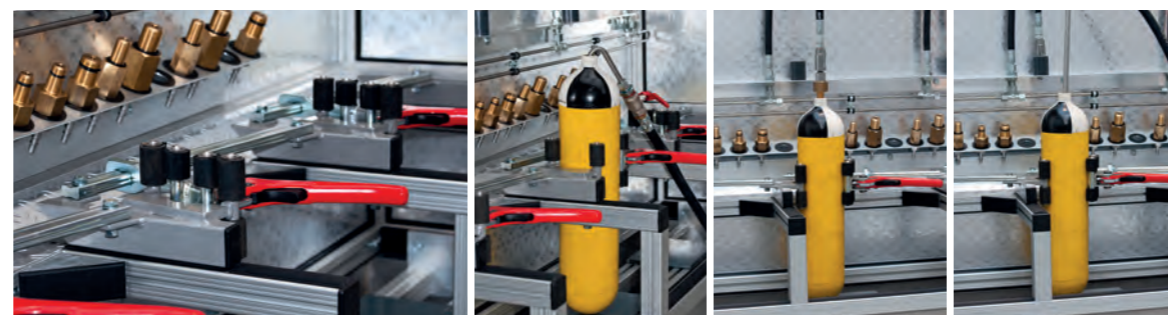
Further options (surcharge)

- Testing manifold for several CO₂ cartridges and small compressed gas cylinders for use in the test bench (upon request)
- Test bench for 5 additional testing places. (upon request)

• The quick action clamping devices can securely clamp up to 5 compressed gas cylinders during the hydrotest.

Safe and powerful

Before the first test, the collecting tank of the system is filled with water from a water tap via a filling hose. After clamping up to 5 compressed gas cylinders, they are filled with water from the basin via the installed electric pump. A filter will hold back any possible contaminations. The matching test adapters are screwed onto the cylinders and connected to the high pressure hoses with the quick action couplings. Then the delivered water test pressure can be continuously adjusted via



• Filling. • Pressure testing. • Emptying.

the pressure reducer which the compressed-air operated test pump, and checked by the manometer (Class 1.0). After the test the water can be pumped back from the containers to the collecting tank for re-use, or the container can be emptied into the tank by upending. For the subsequently required drying of the cylinders, the optional cylinder drying device BTG (Art. No. 186532) can be used.

• Filling, pressure testing and emptying of up to 5 steel or aluminium compressed gas cylinders.

TECHNICAL DATA

Hydrotesting system HTG 500 (EN ISO 12100-1, EN ISO 12100-2, EN 60204)

Art.-No. 186181



Maximum test pressure: 500 bar.
5 Adapters small conical.
5 Adapters large conical.
Water pump: 230 V, 50 Hz, 0,54 kW, 2800 rpm.
 Discharge rate: 45L/min, 5 m cable feed line H07RN-F 3 G 1.5 mm², oil and acid resistant.
Testing pump: Compressed-air operated fluid pump: max. 500 bar. Pressure reducer, adjustable: 0 - 4 bar. Safety valve: 4.5 bar.
 Required compressed air: < 10 bar, 300 L/min.
Dimensions: Height [mm]: 1780 or 2200 at opened hood.
 Width [mm]: 2850, Depth [mm]: 560.
Weight [kg]: 203. **Colour:** Control panel: High-grade steel Test bench: Aluminium. Collecting tank: High-grade steel. **IP rate:** IP54

Subject to technical modifications / 03-2020