



Hydrotesting system | HTG digital

safe and innovative





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Our systems and machines are highly automated to ensure efficient processes and consistent top quality.

Our credo is: the least possible number of manual operations for the user. Operating sequences can be perfected with our **HTG digital**.

For every requirement, there is a suitable solution that makes your work faster and more effective.

Before the first test, fresh water is filled into the system's collecting tank via filling hose. Following the clamping of up to 5 pressure vessels, these are completely filled with this water via the filling lance.

STRENGTHS AT A GLANCE

- **NON-HAZARDOUS PRESSURE TEST OF METALLIC PRESSURE VESSELS**
- **CLAMP, FILL, TEST AND EMPTY IN SHORT WORK CYCLES**
- **ALL TEST PRESSURES UP TO 480 BAR FREELY ADJUSTABLE**



A filter retains any impurities. The corresponding test adapters are screwed into the cylinders and connected to the quick-action couplings of the high-pressure hoses. Then the test pressure is set on the control desk. When setting the test pressure, the operator is prompted to acknowledge when the 60 bar mark is exceeded.

- Hydrotesting system HTG digital.



- Art. No. 186083.D.1P Hydrotesting system HTG digital.

This provides additional safety and ensures that the testing process runs smoothly.

The test is started automatically at the touch of a button. The measurement data is then provided in an export file after completion.

After the test, the water from the containers can be pumped back into the collecting tank, or the containers can be rotated and emptied into the collecting tank. The cylinders can be subsequently dried with the optional **cylinder drying device BTG** (Art. No. 186532).

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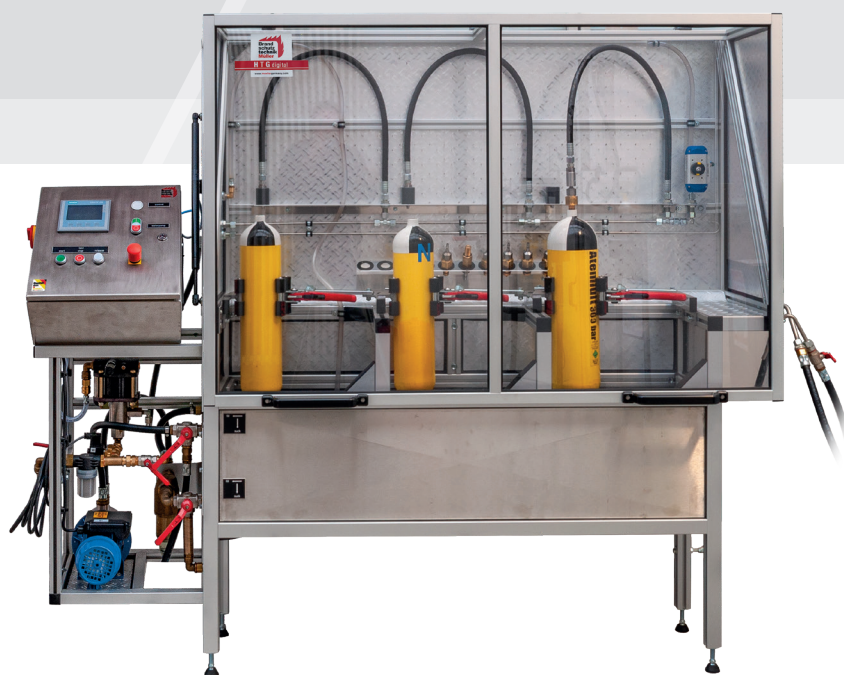
FILLING



PRESSURE TEST



EMPTYING



Hydrotesting system HTG digital

for high and low pressure test

The test pressure is infinitely adjustable using the SPC. An indicator light visualises the test status. The machine is prepared for the export of the test result data.

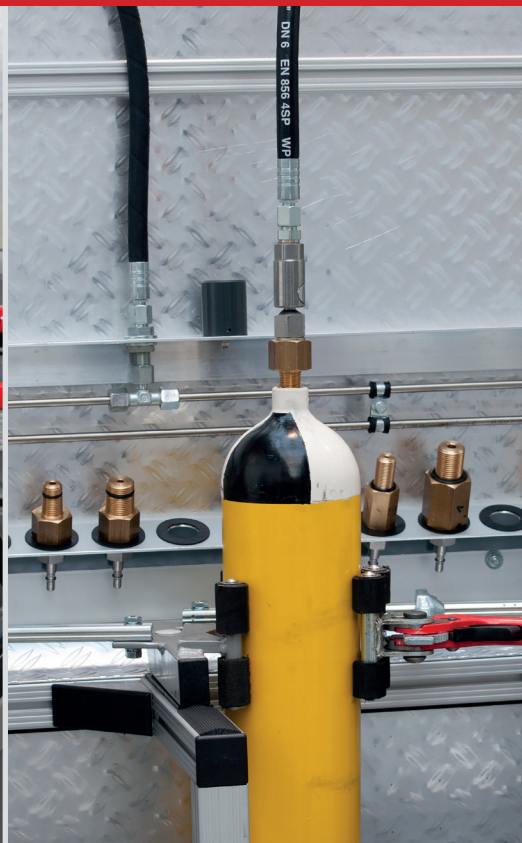
- with holding devices and water basin 180 litres
- with pneumatic high pressure pump
- Air and water filter
- VA lines
- Data interface for transferring the test results
- Safety by acknowledging the pressure range
- High pressure hoses with quick action couplings and 5 adapters each (small conical, large conical)

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FILLING



PRESSURE TEST



EMPTYING



Technical data: Hydrotesting system HTG digital

(EN ISO 12100-1, EN ISO 12100-2, EN 60204)

Art. no. 186083.D.1P (1 testing place)



Dimensions: Width [mm]: approx. 1100, Depth [mm]: approx. 600, Height [mm]: approx. 1750.

Art. no. 186083.D.3P (3 testing places)



Dimensions: Width [mm]: approx. 2000, Depth [mm]: approx. 600, Height [mm]: approx. 1750.

Art. no. 186083.D.5P (5 testing places)



Dimensions: Width [mm]: approx. 2900, Depth [mm]: approx. 600, Height [mm]: approx. 1750.

Maximum test pressure: 480 bar.

5 adapters small conical, 5 adapters large conical.

Water pump: 230 V, 50 Hz, 0.54 kW, 2800 min⁻¹. Discharge rate: 45 L/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: 4.3 bar.

Required compressed air: < 10 bar, 300 L/min.

Colour: Control desk: High-grade steel.

Test bench: Aluminium.

Collecting tank: High-grade steel.

IP rate: IP54



Test adapter | HTG digital

The **hydrotesting system HTG digital** can simultaneously test 5 steel or aluminium compressed gas cylinders with a test pressure of up to 480 bar, e.g. CO₂ fire extinguishers, CO₂ cylinders, breathing apparatus compressed air bottles.



Test adapters for HTG digital (surcharge)

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

- Special test adapter. (upon request)

Additional test adapters for HTG digital (surcharge)

1	Art. No. 187330.VA	Test adapter, M24 x 1.5
2	Art. No. 187331.VA	Test adapter, M30 x 1.5
3	Art. No. 187333.VA	Test adapter, M34 x 1.5
4	Art. No. 187334.VA	Test adapter with cap nut M74 x 2
5	Art. No. 187335.VA	Test adapter, Unitor

- Special test adapter. (upon request)

