

# Testing unit for fire extinguishers or cylinders

## HT350 series

Complete and user-friendly units for testing portable fire extinguishers, cylinders or CO<sub>2</sub> cartridges.



### APPLICATIONS

These units are conceived for the hydrostatic test (PROOF TEST) of portable cylinders and fire extinguishers at a max pressure of 500 bar (e.g. CO<sub>2</sub> fire extinguishers, CO<sub>2</sub> cylinders, breathing apparatus compressed air bottles and so on).

The units are made of a painted steel frame designed to be anchored to the floor. On the left side, you can find the control panel with the electrical pump for filling and recovering water and the testing pump. On the right side, the testing cabin with hi-pressure manifolds to test 3 or 5 extinguishers/cylinders and the water recovery tank. Each testing place is equipped with quick action manual vices for clamping the cylinders.

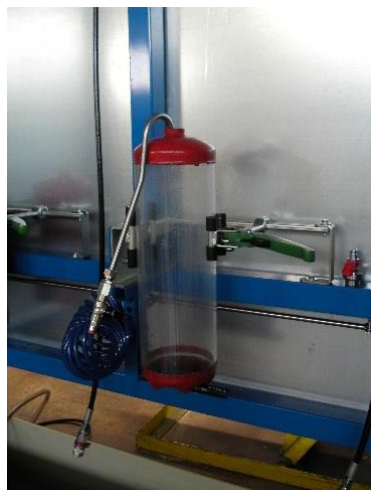
### AVAILABLE MODELS

- HT350-5 equipped with 5 cylinders places
- HT350-3 equipped with 3 cylinders places

### DESCRIPTION OF THE PROCESS

The recovery water tank is filled with water. After being clamped, the cylinders are filled with the water taken from the recovery tank thanks to the electric pump (this is equipped with filter on the inlet to hold back any possible contaminations). The test adapters are screwed (in case of parallel thread) or quick fitted (in case of tapered thread) on the cylinders and connected to the high-pressure hoses with the quick action couplings. The compressed air operated testing pump is then activated and the pressure can be continuously adjusted via the pressure reducer and checked by the manometer (with individual calibrated). After the testing operations, once the pressure is released and the test adapter disconnected, the water can be pumped back from the cylinders to the collecting tank for re-use. Other option is to empty the cylinder into the recovery tank by manual upending.

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## ACCESSORIES ON REQUEST

- Automatic stop of the testing pump at the programmed pressure (code AACP020)
- Front rolling shutter electrically actuated (HT350/SHUTTER code AACP030)

## TESTING ADAPTERS WITH QUICK COUPLING TO THE TESTING HOSE

- Tapered thread 25E included in the scope of supply
- Parallel thread M18 x 1,5 included in the scope of supply
- Parallel thread M30 x 2 on demand
- Parallel thread M25 x 2 on demand
- Others thread can be provided on demand



## TECHNICAL FEATURES

	HT350 - 3	HT350 - 5
Maximum testing pressure	500 bar Depending on the customers' needs	500 bar Depending on the customers' needs
Cylinder size		
Ø min / max	70 ÷ 220 mm	70 ÷ 220 mm
H min/ max	300 ÷ 850 mm	300 ÷ 850 mm
N° of cylinders	1 to 3	1 to 5
Air supply	7 bar 100 l/min	7 bar 100 l/min
Water pump filling/recovery	20 ÷ 25 l/min	20 ÷ 25 l/min
Max total dimensions (Wxlxh)		3100 x 700 x 2350
WEIGHT (Kg)	200 kg	200 kg
Noise output	< 85 dB	< 85 dB
Air compressor minimum flowrate	200 l/min	200 l/min

> PER MAGGIORI INFORMAZIONI:  
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