

HYDRO COMBI 4+4



HYDRO COMBI/4+4 is an automatic equipment for hydrostatic leakage testing of eight extinguishers. This test is performed by a double analysis of two separate sets (four extinguishers each), in order to avoid any handling dead-time.

HYDRO COMBI/4+4 consists of a stainless steel frame fitted with a water storage stainless steel tank. Under the tank, separate manifolds are fitted for high pressure water, low pressure water and compressed air flowing. These manifolds are equipped with eight stainless steel pliers-holder heads, for an extinguishers simultaneous tightening during the automatic test performance. Every extinguisher must be set, upside-down, on the proper self-blocking clutch and then it is automatically tested by water. On test ending, every extinguisher is blown by compressed air and water is drained into the backflow recovery tank.

STANDARD BENCH EQUIPMENTS:

- N° 08 expander stainless steel clutches (extinguishers mouth dia. equal to 30 mm)
- Centrifugal pump, multistage
- High pressure pump
- Air/water filters
- High pressure piping
- Stainless steel tank for water backflow recovery
- Solenoid control valves
- Electropneumatic valves
- Liquid level electronic sensors
- Pressure transducer, with both display and 4-threshold measuring instrument
- Air/Water control gauges
- Fluorescent lamps and mirrors (for extinguishers back-inspection)

- Pilot lamps, control push-buttons and manual operations selectors
- Luminous and acoustic leakages signalling
- Piping, water plug equipped, for the water check by pressure sampling gauges
- Electric/electronic control panel, PLC Siemens equipped
- Safety inox steel grille protection, fitted with both proximity pickup and cylinder

TECHNICAL CHARACTERISTICS

- Power installed : 6 kW
- Wiring : 380V 50Hz 3-phase
- Compressed air feeding : 6 - 8 Bar
- Centrifugal pump capacity : 100 l/min. (at 8 bar)
- High pressure pump capacity : 8 l/min. (at 40 bar)
- Test fluid : water + antioxidant additive
- Test mode : 4 + 4 cylinders, in two times
- Theoretic productive capacity : 200 pcs/h (test timing 30 sec. as per norms)
- Test timing : 0-2 min. adjustable
- Pressure test : adjustable from 15 up to 40 bar
- Dimension : 3,900 x 1,300 mm h 2,200 mm
- Weight : 750 kg
- Colour : RAL 7032

OPTIONALS

- Wheeled extinguishers test ramp
- Pliers sized on request