

## HYDRO COMBI/2

**HYDRO COMBI/2** is an automatic equipment for hydrostatic leakage testing of two (four) extinguishers contemporarily.

**HYDRO COMBI/2** consists of 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 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:

- Expander inox clutches (extinguishers mouth dia. equal to 30x1,5 mm )
- Centrifugal pump, multistage
- High pressure pump
- Air/water filters
- High pressure piping
- Inox steel tank for water backflow recovery
- Solenoid control valves
- Electropneumatic valves
- Liquid level electronic sensors

### TECHNICAL CHARACTERISTICS

- Power installed : 6 kW
- Wiring supply : 380V 50Hz three-phase
- Compressed air feeding : 6 - 8 Bar
- Centrifugal pump capacity : 100 l/min. (at 6 bar)
- High pressure pump capacity : 8 l/min. (at 40 bar)
- Test fluid : water+antioxidizer additive
- Test mode : 2 (4) cylinders at a time
- Theoretic production 2 clutches : 70 pcs/h (test timing 30 sec. as per norms)
- Theoretic production 4 clutches : 100 pcs/h (test timing 30 sec. as per norms)
- Test timing : 0-2 min. adjustable
- Pressure test : adjust. from 15 up to 40 bar
- Dimension Combi/2 : 1,900 x1,200 mm-h 2,700 mm
- Weight Combi/2 : 450 kg
- Dimension Combi/4 : 2,500 x1,200 mm-h 2,700 mm
- Weight Combi/4 : 550 kg
- Colour : RAL 7032

### OPTIONALS

- Wheeled extinguishers test ramp
- Clutches sized on request

- 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 stainless steel grille protection, fitted with both proximity pickup and cylinder

## HYDRO COMBI/4

