

## **EROSION TEST BENCH**

# B\_21243



B\_22143 test bench is designed to test resistence and performances of cars heat exchangers internal ducts. It flushes on internal ducts a mixed flow of corrosive water and refrigerant fluid.

The test bench is equipped with a power unit to sets fluid conditions (pressure, flow and temperature); the fluid is handled to 4 test stations.

On HMI the technician can controls:

- Flow on each unit under test (UUT);
- Pressure on each uut;
- Temperature;
- Test duration;
- Profile of test for each uut.

## **TECHNICAL DATA:**

Pressure: 5+/-0,1 bar (max)
 Flow: 36000 +/- 100 lph
 Temperature: 140 +/-2 °C

#### INSTRUMENTATION:

Flowmeters: 0-72000 lph; 0,2% accuracy
 Pressure transmitters: 0-16 bar, 0,12% accuracy

Temperature transmitters: 0-250°C, cl. AAA

## SAFETY DEVICES:

- · Open doors interlock
- Test area with metal lids against shots
- · Emergency button
- Test shutdown if component failure; oil leakage or test bench warning

#### **POWER SUPPLY:**

Electric: 400 Vac - 50 Hz - 55 kW
 Air: 6 bar
 Tanks: 2 x 300 l

## **DIMENSIONS AND WEIGHT:**

• L, p, h: 3600 x 3500 x 2400 mm;

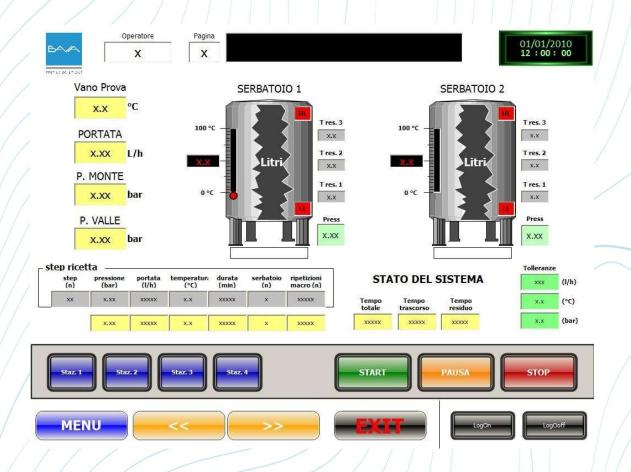
• Raw load: ~ 2100 kg

### COLORE:

Standard Gray 7035.

#### NOTE:

Fluid and adapters not included



The test stand is equipped with a PC and NI data acquisition system
PC software can sets the test profile and can create a complete test report [pressure vs time].

The test bench meets Industry 4.0 requirements

Via internet connection it allows you to:

- Interface with external software to be able to obtain information on the status of the bench and carry out control and management operations of it:
- Take advantage of the remote assistance service by the BAVA technicians;
- Remote control of the bench compatibly with the permissions of the corporate network.

GUI is customizable in multiple languages.











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