



TESTING SOLUTIONS

BURST TEST STAND

B_21472



B_21472 test bench is designed for component testing such as:

- flexible or rigid pipes
- Fittings & quick couplings
- Valves
- Heat exchanger (radiant masses etc.)

The test fluid is hydraulic oil.

The machine, with various options, can performs:

- burst test;
- Pressure test

Using a dedicated hydraulic circuit the test bench is able to generate a test cycle done by maintenance and controlled pressure ramps, up and down, according to the following:
SAEJ343 - DIN20024 - ISO18869 - ISO1402.

The connection system consist of two manifolds: one fixed and the other sliding on a suitable guide able to contain the stresses coming from burst test.

Maximum distance between collector connections: 1600 mm.

The working cycle is:

- Setting pressure cycle with ramps and stationary steps by inserting pairs of points (time-pressure).
- Filling and deaeration phase with flow visual indication.
- Stabilizing pressure
- Component burst

TECHNICAL DATA:

- Pressure test: from 3 up to 300 bar;
- Flow rate: 10 lpm
- Max temperature: 100 °C.

INSTRUMENTATION:

- Pressure transmitter: f.s. 400 bar, cl 0,25%

SAFETY DEVICES:

- Open doors electric control & interlock
- Test area with metal lids against shots and fluid leaks
- Emergency button

POWER SUPPLY:

- Electric: 400 Vac - 50 Hz – 20 kW
- Air: 6 bar

DIMENSIONS AND WEIGHT:

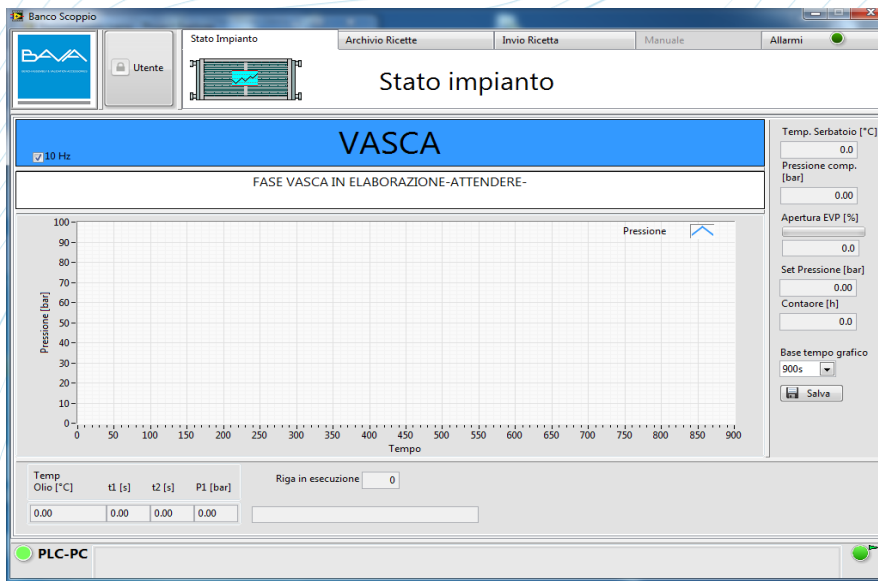
- L, p, h: 3200 x 1600 x 1700 mm;
- Raw load: ~ 1600 kg

COLOR:

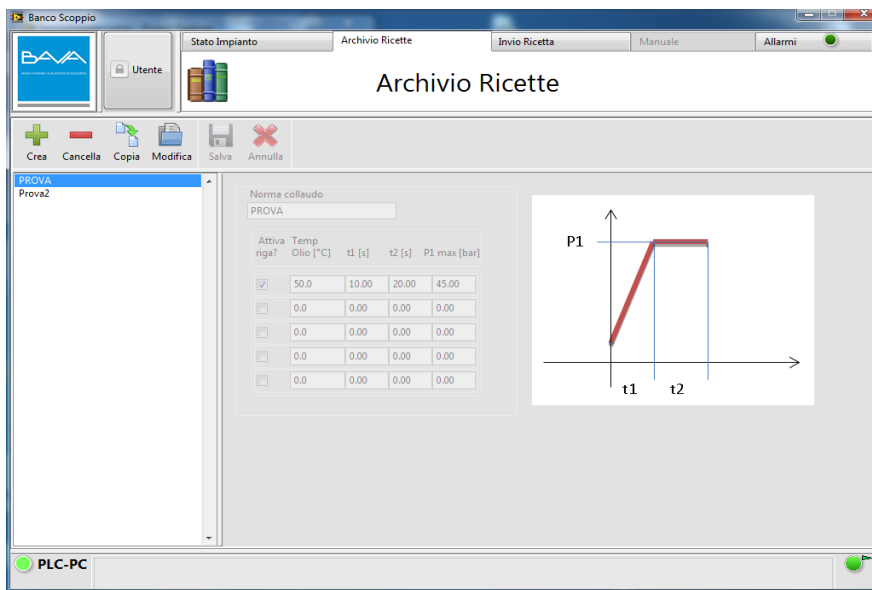
- Standard Gray 7035.

NOTE:

- Fluid and adapters not included



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



Test bench meets the requirements of Industry 4.0, as it allows:

- 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

BAVA S.r.l.



Head quarter: Via San Quintino 26/A - 10121 Torino - Italy
Offices&Workshop: Via Riccardo Lombardi 9 - 10028 Trofarello (TO) - Italy



info@bavasrl.com – (PEC bava@legalmail.it)



Tel / Fax: +39 011 349 66 06



www.bavasrl.com

