



TESTING SOLUTIONS

HOLDING PRESSURE TEST STAND

B_23074



B_23074 test bench is designed to set and hold pressure into water – glycol circuits that are subjected to variation of temperature.

Example of that are circuits for:

- Heat exchangers stress test;
- Heat exchangers pulsating pressure test.

Connection system is made by 4 manifolds in order to connect 2 different heat exchangers.

Working steps:

- Connect UUT on test bench;
- Flush and releases air;
- Set working pressure and maintenance time;
- Start, stop and empty circuit.

TECHNICAL DATA:

- Pressure: $< 3,2 \pm 0,1 \text{ bar}$
- Temperature: $-40 < T < 120 \text{ }^{\circ}\text{C}$
- Reacting time: $< 0,5 \text{ sec}$
- Stability: $< 0,5 \%$

INSTRUMENTATION:

- Pressure transmitter: $0 \div 6 \text{ bar ; cl. } 0,25\%$

SAFETY DEVICES:

- Open doors interlock
- Emergency mushroom button
- Test shuts down if component failure, oil leakage or test bench warning
- Overpressure safety valve

POWER SUPPLY:

- Electric: 230 Vac-50hz-3kW
- Air: 6 bar

DIMENSIONS AND WEIGHT:

- L, p, h (chamber): 600 x 1200 x 1500 mm;
- Raw load: $\sim 130 \text{ kg}$

COLORE:

- Standard Gray 7035 / White 9010

NOTE:

- The test bench can work with static load of water or dynamic one

PLC software realizes the bench control and the complete test report.

The test bench can meet the requirements of Industry 4.0.

Through a network connection (optional module) it allows:

- Interface with external software in order to obtain information about status of the bench and carry out control and management operations;
- Take advantage of the remote assistance service and remote control of the bench.

GUI can be shown in multiple languages.

