

Bi-stepped air compressor test unit

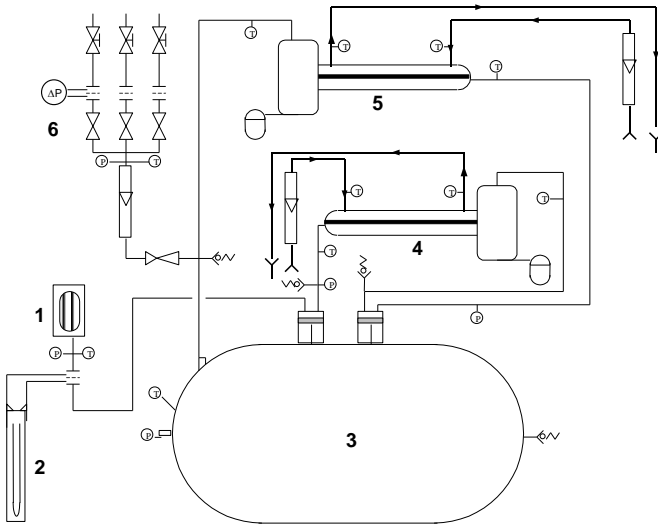
DESCRIPTION

- The air compressor test unit comes complete with instrumentation and includes a technical and instruction manual.
- This unit is equipped to measure what goes in, what passes through, and what goes out.
- Designed and manufactured to industrial standards.
- Designed for teaching purposes.



SUGGESTED APPLICATIONS

- Study of the compressor
- Power
- Production
- Performance
- Flow
- Pressure
- Study of diaphragms
- Flow-pressure ratio



- 1. Air filter**
- 2. Air flow measurement by diaphragm and U manometer**
- 3. Air compressor**
Made according to E.C. regulations
Bi-stepped
Developed volume : 42 m³/h
Power 4 kW
Electric engine transmission with belt
Water tank : capacity 300 liters
- 4. Air-water exchanger – 1st floor**
Air section equipped with a water separator and a tank
Water section : exchange against current
- 5. Air-water exchanger – 2nd floor**
The same as the 1st one
- 6. Flow rate measurement through diaphragms**
- 7. Instrumentation**
 - 10 temperature digital sensors
 - 5 pressure sensors and manometers
 - 4 safety valves
 - 2 differential pressure manometers
 - 4 diaphragms
 - An air flow meter
 - 2 water cooling flow meters
 - A wattmeter

UTILITIES

400 V TRI - Water network

DIMENSIONS

Length : 1800 mm
Width : 750 mm
Height : 2000 mm
Weight : 300 kg