

Type TR

Test Rig Type TR

Test rig for use on-board vessels for verifying set-pressures after maintenance and for measuring of leakage according to new environmental regulations.



Test rig type TR is a compact unit able to measure set-pressures on pressure and vacuum valves with high precision instruments. Leakage rate from the entire valve can be measured to ensure compliance with environmental regulations (Californian waters, EPA regulations). It requires only electrical supply and compressed air. Vacuum is created by means of an ejector, engaged when the tank is by-passed. All readings are given in two displays and a flow meter. Air supply is controlled by a pressure gauge downstream the reduction valve to prevent damage to the pressure transducer. For VECS operation it provides a readily and easy accessible means to demonstrate set-pressures and thus the operational limitations that must be complied with. For compliance with new environmental regulations, the rig is accompanied with detailed instructions to provide exact data on the emission from the vent indicated in grams/loaded cubic metres of cargo with compensation for molecular weight and operational pressure and temperature. These instructions are based on type HS-IM02.

Test rig type TR with zero-emission HS vent

Features of type TR:

- Set pressure verification
- Leakage rate measurement
- Easy operation
- Reliable, high quality instrumentation
- Easy calibration
- Compact dimensions
- Precise readings
- ISM relevant

Options: See specification

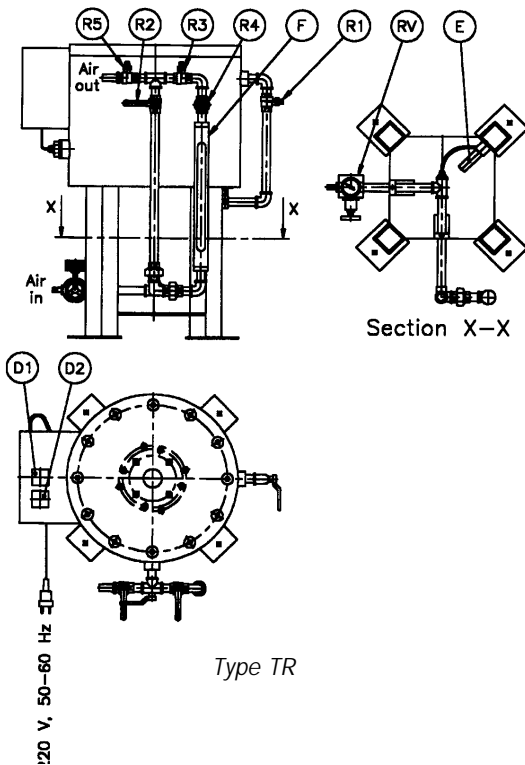
Verification of set-pressure and leakage rate

Specifications:

Type: TR
Dimensions: 1000 x 500 x 500 mm
Indications: Displays, flow metre, and analog pressure gauge
Temperature: Celcius, PT 100
Power: 220 V, 50 - 60 Hz
Range: -100 - 800 mbar
Pressure: Maximum 1 bar through reduction valve
Connection size: To fit application

Certification:

Not required, work shop calibration tests available for instrumentation.



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Item	Description
RV	Reduction valve
R5	Shut-off valve
R4	Regulation valve
R3	Shut-off valve
R2	Shut-off valve
R1	Shut-off valve
F	Flow meter
E	Vacuum ejector
D2	Display, mbar
D1	Display, °C