

We test, You produce.

F28 Light

HIGH SPEED LEAK TESTER

FOR INDUSTRIAL QUALITY CONTROL

Without any doubt, the smallest high performance leak tester on the market. One of the main advantage is that our **F28 Light** module can be mounted close to the test part, ensuring the best measurement conditions. You can daisy chain up to 50 modules and supervise them with a touch screen panel + our user friendly interface: F28 light demo.

Specially adapted for automatic and semi automatic test machines, the **F28 Light** has a full range of specifications at a very competitive price.

Highlights

- COMPACT
- HIGH SPEED TEST
- ACCURATE
- 50 MODULES NETWORK



Applications



Packaging, blister, watch, mobile phone, pneumatic and hydraulic fittings...



F28 Light

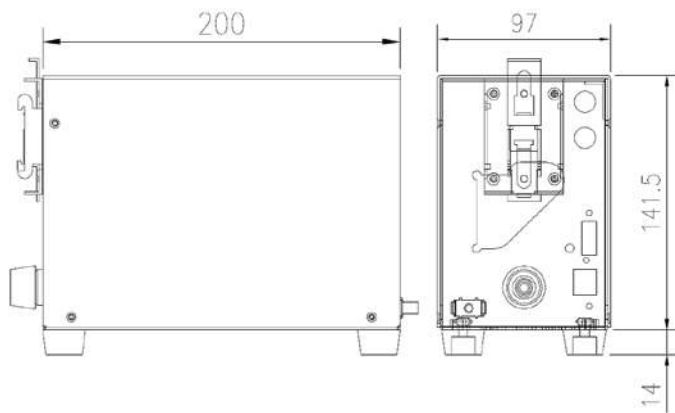
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Measurement Characteristics

PRESSURE DROP MEASUREMENT		
Range	Accuracy*	Max. resolution
0 - 50 Pa	$\pm(1\% \text{ Reading} + 0.5 \text{ Pa})$	0.01 Pa
0 - 500 Pa	$\pm(1\% \text{ Reading} + 1 \text{ Pa})$	0.1 Pa
0 - 5000 Pa	$\pm(1\% \text{ Reading} + 10 \text{ Pa})$	1 Pa

Accuracy: linearity + repeatability + hysteresis
 *Optional laboratory accuracy available



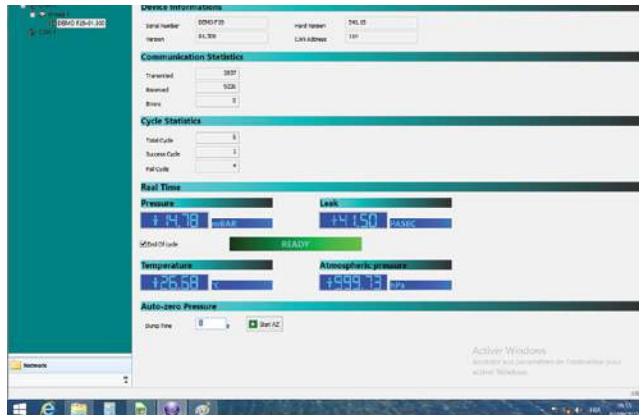
Main Features

- Differential pressure decay leak measurement: vacuum to 20 bar
- Types of measurement:
Direct mode / Sealed test components / Desensitized leak mode
- Smart pressure regulation without regulator - auto fill (optional)
- Electronic regulation (optional)
- Units: Pa, Pa/s, sccm
- Compact dimensions (overall (mm): h 141.5 x L 225 x D 97)
- Mechanical or electronic regulator from vacuum to 10 bar
- Integrated fill and dump valves
- Ethernet network up to 50 modules (Modbus IP)
- DIN rail mounting
- Environment: ROHS standard
- Allen Bradley Compactlogix PLC with ethernet/IP scanner interface

Technical Specifications

Presentation	Weight: around 3.5 Kg
Electrical external supply	Voltage: 24 V DC / 1.6 A Main adaptater included 110 – 230 V AC
Air supply	Clean and dry air required Air quality standard to be applied (ISO 8573-1) Test pressure input, need an external regulator
Temperature	Operating: +5°C to +45°C Storage: 0°C to +60°C

F28 light demo interface



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