

Leak Test Instruments

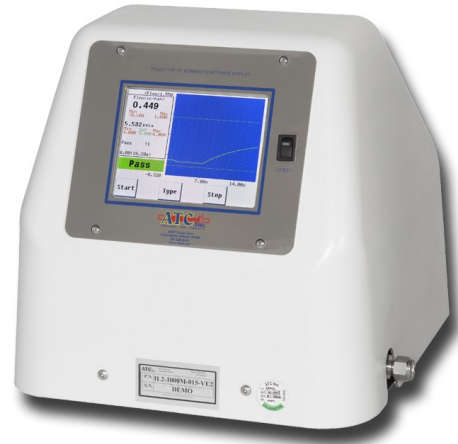
MODEL E2 – Pressure Testing with Micro-Flow

Instrument Applications

- Leak testing under pressure (max 165 psia)
- Leak rates of 0.1 cc/min and higher
- Medium size parts, higher throughput
- Cleanroom or industrial applications
- User friendly operator interface for stand-alone applications
- UL and CE approved

Features

- Micro-Flow sensor–IGLS
- Automated pressure test circuit with balance and quick fill features
- Front TFT graphical color display with touch screen
- Optional verification orifice (calibrated leak) and valve
- Digital and analog I/O interface
- Ethernet or serial interface
- Stainless steel enclosure for cleanroom
- Multiple test profiles



Our popular efficiency instrument (second generation), 25-40% faster compared to pressure decay. It is offered for industrial, rugged applications as well as aseptic and cleanroom applications (stainless steel). Its graphical display, real time signature graph, and touch screen make it very user friendly without risking the integrity of test set up. It comes with the option to dynamically or statically assign an IP address, enabling remote interface through your LAN.

Applicable Micro-Flow Sensors

IL2-M at pressure to 65 psia

IL2-KM

IL2-C

Specifications

Dimensions

- 12"W, 12"H, 12"D (Does not include connectors & fittings)
- Expansion tank and pressure regulators are externally mounted

Gases

Dry, clean gases: air, nitrogen

For other gases, consult ATC



Connections, I/O, & Power

1. **Pneumatic connections:**
Test port on side of instrument
Air supply: 1/4 inch Swagelok®
2. **RJ45 Ethernet or RS232 Serial Interface**
3. **Digital Inputs:** 5 VDC, Opto-Isolated for start, stop, type, pressure switch, verify

Digital Outputs: 30 VDC-20 mA,
Opto-isolated for pass, fail, clamp, test type,
exhaust and custom

Analog outputs: single channel, 0-5 VDC
pressure control

4. **Power Supply:**
115VAC-60Hz
220VAC-50Hz (optional)



The COMPLETE Solution For Your Most
Challenging Automatic Leak Flow Testing

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