

Leak Test Instruments

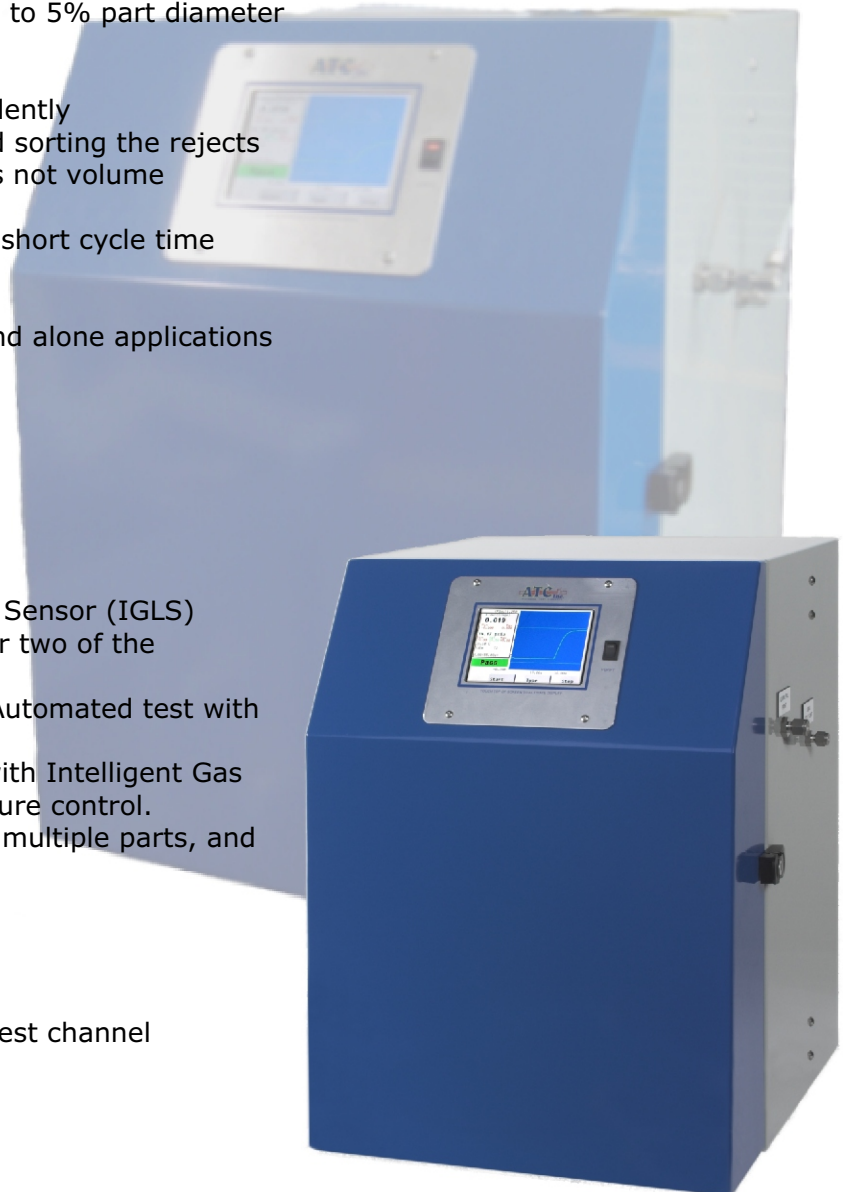
MODEL IPE2

Instrument Applications

- One or two of the following tests:
 - ▶ Pressure Leak Test from 0.02 cc/min to 500 psig
 - ▶ Constriction or Blockage Flow Test, up to 5% part diameter constriction
- One or Two Independent Test Channels
- Testing up to two sets of parts independently
- Sort function- testing multiple parts and sorting the rejects (Applicable as the IGLS measurement is not volume sensitive!)
- Large volume parts, complex parts and short cycle time
- Custom options
- Cleanroom or industrial application
- User friendly Operator Interface for stand alone applications

Features

- Micro flow sensor- Intelligent Gas Leak Sensor (IGLS)
- Single or Dual test channels with one or two of the following:
 - ▶ Leak Test Channel Pressure testing: Automated test with large volume Quick-Fill features.
 - ▶ Constriction/Blockage Flow channel with Intelligent Gas Flow Sensor (IGFS) and unique pressure control.
- Optional Sort test controller: Leak Test multiple parts, and sorting out the rejected parts
- For Each Test Channel:
 - ▶ Built in Verification Orifice and valve
 - ▶ Character Display Interface
 - ▶ Digital and analog I/O Interface
 - ▶ Ethernet or serial Interface for each test channel
- Ethernet connection
- Stainless steel enclosure for cleanroom



Leak Test Instruments

MODEL IPE2

APPLICABLE MICRO-FLOW SENSORS (IGLS)

Pressure Leak Test Models: IL2-C and IL2-L
Flow/Constriction/Blockage Tests: Model IF2-HF

SPECIFICATIONS

Dimensions & Access

- ◆ 17"W, 24"H, 19"D (Does not include connectors & fittings)
- ◆ Instruments enclosure with front door and back panel
- ◆ Expansion tank and pressure regulators are externally mounted

Gases

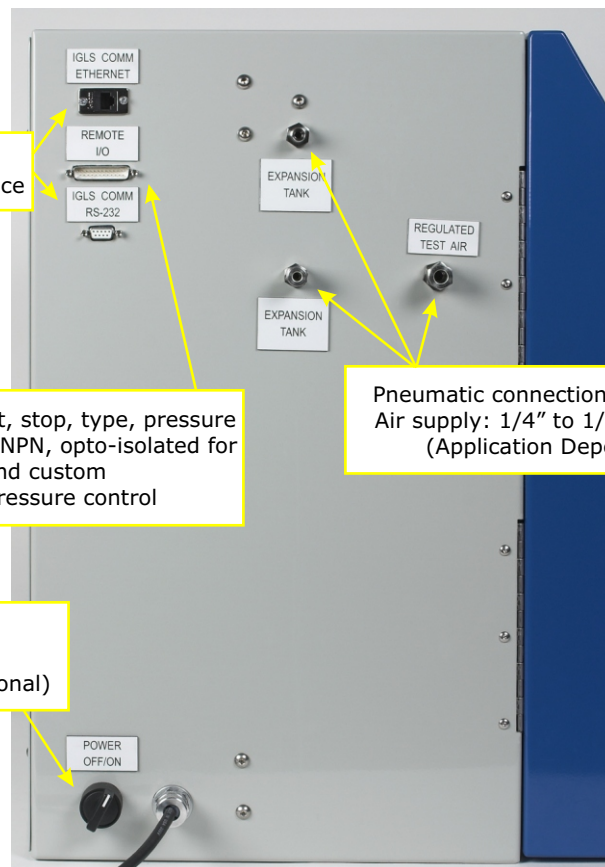
- ◆ Dry, clean gases: air, nitrogen
- ◆ For other gases consult ATC

Digital Inputs: 5 VDC, NPN Opto-Isolated for start, stop, type, pressure switch, verify. Digital Outputs: 30 VDC-20 mA, NPN, opto-isolated for pass, fail, clamp, test type, exhaust and custom
Analog outputs: single channel, 0-5 VDC pressure control

RJ45 Ethernet or RS232 Serial Interface

Pneumatic connections: Test Ports
Air supply: 1/4" to 1/2" Swagelok
(Application Dependent)

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



AVAILABLE OPTIONS

See options chart for all available options.

The COMPLETE Solution For Your Most Challenging Automatic Leak Flow Testing