

# Leak Test Instruments

## MODEL IPE-CTS

### Instrument Applications

- High Pressure Leak Test from 0.05 cc/min and pressure to 2100 psig
- One or Two Independent Test Channels
- Testing up to two set of parts independently
- Sort function - testing multiple parts and sorting the rejects (Applicable as the IGLS measurement is not volume sensitive!)
- Small volume parts, medium leak tightness, fast cycle time
- Custom options

### Features

- Micro-Flow Sensor - Intelligent Gas Leak Sensor (IGLS)
- Single or Dual test channels
- Automatic HIGH PRESSURE test circuit for each channel
- Stainless steel, high pressure test circuit
- 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
  - ▶ Serial Interface



# Leak Test Instruments

## MODEL IPE-CTS

### APPLICABLE MICRO-FLOW SENSORS (IGLS)

Model: IL2-HP

### SPECIFICATIONS

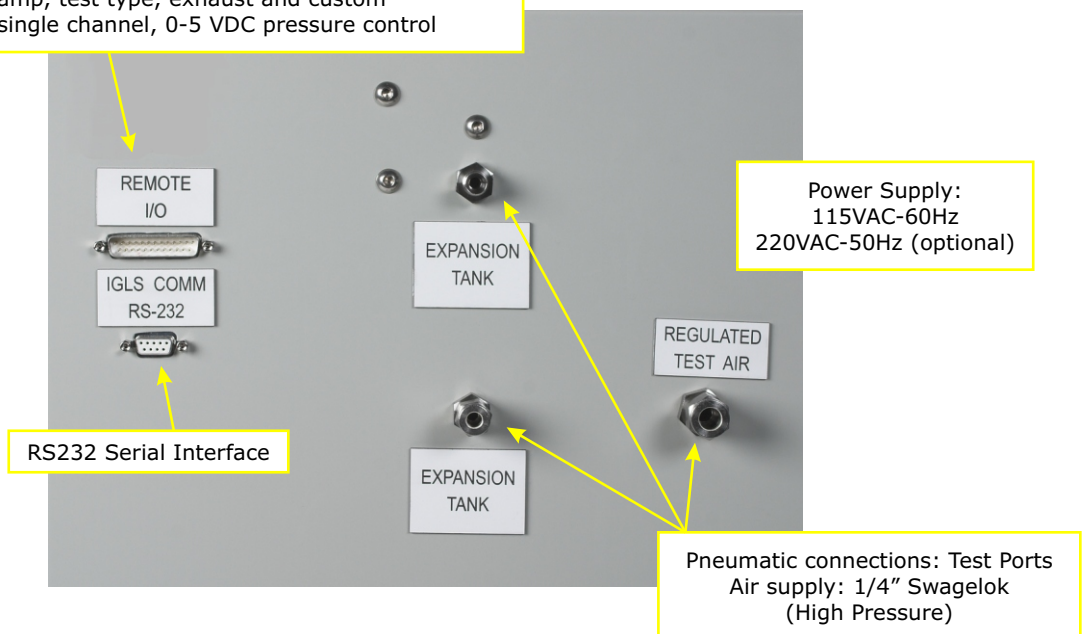
#### Dimensions & Access

- ◆ 24"W, 23"H, 12"D (Does not include connectors & fittings)
- ◆ Dual access doors, NEMA 12 instrument enclosure
- ◆ 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



### AVAILABLE OPTIONS

**See options chart for all available options.**

**The COMPLETE Solution For Your Most Challenging Automatic Leak Flow Testing**