



# Integra Flex

Your trusted leak detection instrument

– for OEM, Industrial Integration and Automated Systems

The Integra Flex series is a new line of leak test instruments available as a rackmount industrial model or as a benchtop.

This new product line is suitable for large scale deployment in quality and process control. The system can be configured to perform pressure or vacuum decay leak and occlusion testing on a wide array of Integra Flex products, devices,

and components. Models available with capabilities ranging from full vacuum to a positive pressure range up to 100 psig.

Available accessories include an external manual regulator to set system test pressure, as well as an external LCD touch screen monitor for test setup and control.

www.tmelectronics.com



# **Typical Applications**

### **User-friendly**

Low cost



Detachable user-friendly interface - easy to set up, and saves you valuable space

#### **Mountable Enclosure**



Standard 2U Half Rack Mountable Enclosure

#### Minimal size



Minimal size allows for close proximity to test fixtures producing maximum sensitivity in auto mated environments.

#### **High Performance**



High Pressure Resolution (0.01 psi burst, 0.001 Leak) Automatic Electronic Regulator (fast pressure setting) High Flow Capacity (up to 15 CFM) Low Pressure Sensitivity at 5 InH<sup>2</sup>0)



Low cost enables you to deploy more testers within your budget, to increase testing through put.

### Easy systems integration



Easy systems integration with Open Platform Communications, LAN connectivity & XML data format.

#### Connectivity



Connect to external systems with the TME Integra Flex – allowing you more choice when it comes to integration.

Vacuum **Decay** 

**Pressure Decay** 

**Occlusion** 

**Flow** 

Chamber

**Test Channels** 

**Integra Flex** 

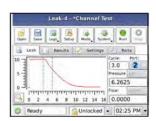






Single





Integra Flex screen capture





## **Technical Details**

Flex - 01 Flex - 02 Flex - 03

**Pressure Range** 0-100 psig -14.7 to ATM to

> +15 psig -14.7 psi vacuum

± 0.15 psi **Accuracy** ± 0.5 psi ± 0.1 psi





**Resolution: Mains Power: Test port fitting:** 

1/8" FNPT 0.0001 psi Desktop 12 vdc

Industrial 24 vdc

**Communications/ Connectivity:** 

Ethernet TCP/IP, RS232, I/O (8I/O)

Interface

HMI: **Regulator:** 

8" Touchscreen accessory

Manual Regulator

**TM Electronics** 

tmelectronics.com web.

email. PiSales@industrialphysics.com

tel. (978) 772-0970



