



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



Protecting
Product Integrity

Typical Applications

User-friendly



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 automated 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 InH²O

Low cost



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

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 +15 psig	ATM to -14.7 psi vacuum
Accuracy	± 0.5 psi	± 0.15 psi	± 0.1 psi



Resolution:

0.0001 psi

Mains Power:

Desktop 12 vdc
Industrial 24 vdc

Test port fitting:

1/8" FNPT

Interface Communications/ Connectivity:

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

HMI:

8" Touchscreen
accessory

Regulator:

Manual Regulator

TM Electronics

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