

# Multi-Lumen Catheter Leak Tester

Incorporate a process validation plan into your medical device production with V.I.C.'s MLC Leak Tester

## Features:

Fully Automated Leak and Occlusion Test

Fast-Complete Test Cycles in Seconds independent of catheter size or length

Tests 1–5 Lumen Catheters

Leak Rate Sensitivity to 1cc/minute

Pneumatic Testing-Uses Dry Air or any Gas

Optional Digital Printout for Permanent Record

Alternating Station for 100% production testing

[www.vicleakdetection.com](http://www.vicleakdetection.com)

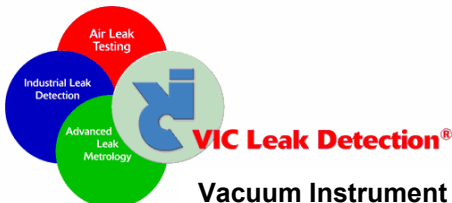


The Multi-Lumen Catheter Test System



MLC, Cartridge and Catheters

Quick Change Sealing Cartridge



**Vacuum Instrument Corporation – Air Leak Testing Division**

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## MULTI-LUMEN CATHETER LEAK TESTER

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The Multi-Lumen Catheter test system uses Dynamic Mass Flow Technology providing direct readout of leak/flow rate and maximum speed and accuracy, enabling compliance to ISO 10555-1. Capable of testing Multi-Lumen Catheters for:

- External Leakage
- Inter-Lumen Leakage
- Flow Restriction Test for Occlusions

Results of each test are displayed on the front panel digital readout and can be permanently recorded by the optional printer.

User friendly and versatile:

- Easy to Operate Menu Driven Programming.
- 99 Part Number Holders.
- RS232 / Ethernet Data Acquisition.
- Quick Change Catheter Sealing Cartridges.

Robust design capable of production requirements:

- Operator inserts the catheter in the sealing cartridge
- Attaches the luer fittings and presses "start"
- Lumens are then individually leak and flow tested in a matter of seconds.
- Luer fittings automatically released on accepted parts.

A second station is available so that one station can be loaded or unloaded while the other is being tested.

For versatility and easy setup, a menu-driven touch screen operator interface displays available options. Individual test readings and batch reports are menu

accessible via the operator interface; the RS232C data port or the integral printer.

### **Start Test**

Front panel pushbutton or remote switch input.

### **System Specifications**

Leak Rate Ranges – 0-10, 0-100, 0-1000 sccm pressures, minimum leak rate 1sccm

Flow Test Ranges – 0-1, 0-10, and 0-100 slpm ranges, typical

Available Test Ranges – 0-2, 0-5, 0-20, 0-100 psi.

### **Operator Interface**

Space saving PanelView touch screen with 5.5" LCD display for menu driven test setup.

### **Communications**

RS232C output port provided for transmission of individual test readings and batch data reports.

### **Options**

- Integral panel mount or desktop printer
- Audible Alarm for reject parts

### **Dimensions**

Depends on options selected, typically 12"(305mm) H x 20"(508mm) W x 19"(483mm) D

### **Weight**

101 lbs (46 kgs)

### **Power Requirements**

105-125VAC, 50/60 Hz

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