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

The Multi-Lumen Catheter Test System

MLC, Cartridge and Catheters

Quick Change Sealing Cartridge
MULTI-LUMEN CATHETER LEAK TESTER

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