Multi-Lumen Catheter Leak Test System

Incorporate a process validation plan into your medical device production with V.I.C.’s MLC Leak/Occlusion 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
- Suitable for cleanroom environment

www.vicleakdetection.com
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 or host computer.

User friendly and versatile:

- Easy to Operate Menu Driven Programming
- 30 Part Number Holders
- RS-232C / 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 color menu-driven touch screen operator-interface displays available options. Also, individual test readings and batch reports are menu accessible via the operator-interface; the RS-232C data port or the external 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**
*PanelView®* 5.7” color LCD display with resistive touch screen for menu driven test setup.

**Communications**
RS-232C 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
- Ethernet

**Dimensions**
Depends on options selected, typically: 17”(432mm) H x 20”(508mm) W x 24”(610mm) D.

**Weight**
85 lbs (39 kgs)

**Power Requirements**
105-125 VAC, 50/60 Hz
220 VAC, 50/60 Hz