



Sprint-LC



The Sprint LC leak and flow tester is the perfect tester for the medical industry. It is available in one to four channel configurations and can be fully automated for the most demanding applications.

The Sprint LC offers high sensitivity for leak testing and provides the reliability inherent with all Uson testers.

The Sprint LC is well-suited for laboratory and clean room testing for manual or automated applications. It offers multiple testing techniques such as pressure and vacuum decay, mass flow, burst, cracking pressure, and occlusion in one machine. The Sprint LC has a very simplistic setup, highly sophisticated testing abilities, and can be customized to many special applications.



The Sprint LC is available as a single channel tester or can be configured with up to four channels performing concurrent or sequential testing. With thousands of units in service throughout the world, the Sprint LC is the standard for the medical device leak testing industry.

Specifications

Model	Sprint-LC
Description	Leak and flow tester
Dimensions (h x w x d)	9.5 x 8.5 x 13.75 in
Display	512 character LCD Full setup menus
Stored Programs	99 programs, all linkable
Standard Pressure Ranges	(Standard) 3, 6, 10, 20, 30, 60, 90, 110, 150 psig (Optional) 300, 400, 500 psig
Pressure Resolution	.0001 psig up to 6 psig .001 from 10 to 60 psig .01 above 60 psig
Vacuum Ranges	Zero to negative 15 psig

Vacuum Resolution	.001 psig (.0001 down to negative 6 psig)
Flow Ranges	(Standard) 200 sccm (Optional) 1,000, 5,000, 20,000 sccm
Flow Resolution	.01 sccm in the zero to 200 sccm range 1.0 sccm from 5,000 to 20,000 sccm
Repeatability	+ 0.01% of full scale (depending on range)
Built-In Features	RS232 port Program linking Remote start input Software calibration Pass and fail indicators Programming key lockout Selectable engineering units Failure alert tone (volume adjustable) Pressure drop in cc/m Occlusion testing (non-flow models)
Optional Features	Multi-parameters Multi-channel concurrent sequential testing Downstream sensors Remote sensors Fast-fill function Venturi vacuum generator PLC interface Sealing devices Clamp (sealing) air valves Electronic regulator Additional test pressure regulators Certified flow restrictors and leak orifices Control valves for actuators and cylinders
Manufacturing Standards	To ISO 9001:2000 Certified to CE requirements

Due to a program of continuous development, specifications may be changed without notice.

Uson LP

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