



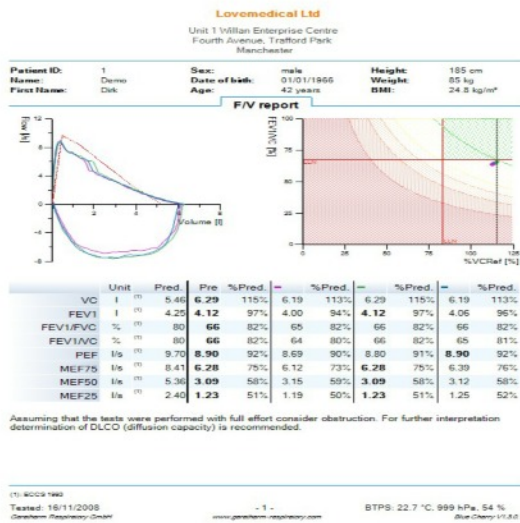
Spirostik

USB Spirometry System

- No Filters
- No Sterilisation
- No Batteries
- No Power Transformer
- No Messy Sensor Changeovers

✓ Diagnostic Software

Blue Cherry™ software functionally reserved for hospital laboratories and scientific research centres is being made available to the primary care sector, with the ability to network multiple systems it is possible to database all patient results from a group of practices or simply use the Spirostik™ as a standalone spirometer.



✓ Professional Reports

The WYSIWYG report design allows the user to print out exactly what was seen during the test procedure preventing confusion when reviewing results.

✓ Data Trending & Statistics

The powerful statistics options makes the Blue Cherry™ software perfect for Asthma management, early detection of acute respiratory disorders and use in trials.

✓ No Filters

Always ensuring the system has a low resistance to flow for all spirometry tests.

✓ Improved Patient Safety

The precise Spiraflo flow sensor allows improved security in infection control, when the patient is finished simply throw away the flow sensor.

✓ Accuracy As Standard

Spiraflo is designed and tested to meet all ATS flow and volume waveforms.

✓ Lowest Ever Dead Space

The incredibly low dead space (<24ml) of the new Spiraflo ensure that the Spirostik can be used to test even small children with extremely low ventilation.

✓ Snap Change Flow Sensor

The revolutionary snap change system allows the changing of Spiraflo to be easy and simple, and also prevents cross contamination between patients.

✓ USB Connectivity

No additional power cables, no battery chargers, no connection difficulties.



Technical Specifications

Mechanical Data	Dimensions	76.5 x 30 x 18.5 (L x W x H)
	Weight	20 g
Electrical Data	IP Protection Type	IPX0 IEC 529
	Classification according to MDD	Ila 93/42/EWG date June 14th 1993 appendix IX
	Application Component Type	BF according to VDE 0750 (DIN EN 60601-1)
	PC Interface	USB 2.0
	Power Supply	Via USB Port
	Power Consumption	< 40 mA
	Flow	Flow Transducer
Measuring Principle		Differential pressure
Measuring Range		± 16l/s
Resistance		< 0.09 kPa/(l/s) < 15 l/s
Effective Dead Space		24 ml
Flow Resolution		< 1 ml/s
Sample Rate		125 Hz
Accuracy		±3% or 20ml/s
Volume		Volume
	Accuracy	±2% or 50ml
Operating Conditions	Temperature	+0°C to +40°C
Storage & Transport Conditions	Temperature	-10°C to +60°C
	Humidity	0 to 95% non condensating
	Explosive Conditions	Device should not be used in explosive or flammable atmospheres
Minimal PC Requirements	Proven Standards	DIN EN 60950
	Processor	Pentium III compatible or higher 1Ghz or higher recommended 500 Mhz minimum required
	RAM	512 MB of RAM or higher recommended 192 MB minimum required
	Hard Disk Drive	1.5GB recommended 600 MB free space minimum required
	Monitor	1.5GB recommended 600 MB free space minimum required
	Interface	USB 2.0 recommended / USB 1.1 minimum
	Operating System	Windows XP SP2 or higher

This product is designed to meet ATS and ERS criteria and other international standards and guideline's where required. The Spirostik complies with DIN EN ISO 23485. This Product is manufactured in accordance with DIN EN ISO 9001 and DIN EN 13485.

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