



Diagnostic Software

Geratherm Respiratory are leading the way with the next generation in pulmonary diagnostics, the **Blue Cherry™** software, functionality usually 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 and statistics

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

No Filters

No Sterilisation

No Batteries

No Power transformer

No Messy Sensor Changeovers

NO WORRIES !

✓ No Filters:

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

✓ Improved Patient Safety:

The precise GR 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:

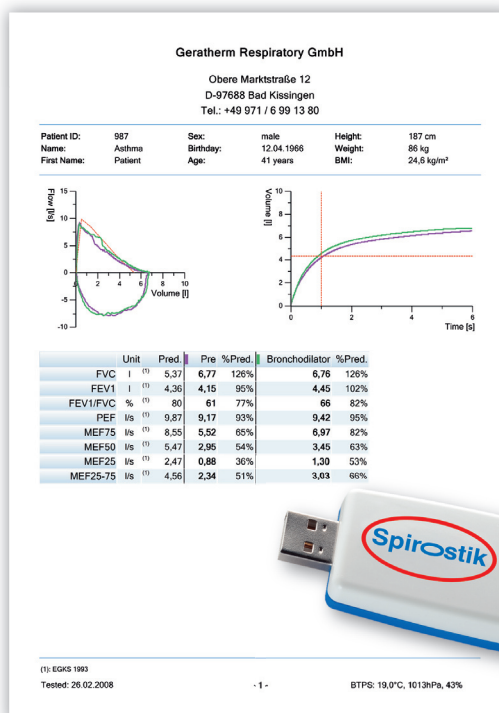
The incredibly low dead space (<24 ml) of the new GR Spiraflo ensures that the Spirostik can be used to test even small children with extremely low ventilation.

✓ Snap change flow sensor:

With the revolutionary new snap change system operators never need to touch a used flow sensor again. Simply ease open the snap clip to allow the used sensor to fall out.

✓ USB Connectivity:

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



Blue Cherry Spirostik Technical Specifications:

Mechanical Data:	Dimensions: Weight:	76,5 x 30 x 18,5 mm (LxWxH) 20 g
Electrical Data:	IP protection type: Classification according to MDD: Application component type: PC Interface: Power Supply: Power Consumption:	IPX0 IEC 529 IIa 93/42EWG date June 14th 1993 appendix IX BF according to VDE 0750 (DIN EN 60601-1) USB 2.0 Via USB port <40 mA
Flow:	Flow Transducer: Measuring principle: Measuring range: Resistance: Effective dead space: Flow resolution: Sample rate: Accuracy:	GR spiraflo Differential pressure ±16 l/s <0.09 kPa/(l/s)<15 l/s 24 ml <1 ml/s 125 Hz ±3% or 20 ml/s
Volume:	Volume: Accuracy:	0 – 20 l ±2% or 50 ml
Operating conditions:	Temperature:	+0 °C to +40 °C
Storage and Transport conditions:	Temperature: Humidity: Explosive conditions:	-10 °C to +60 °C 0 to 95% non condensating Device should not be used in explosive or flammable atmospheres.
Minimal requirements PC System:	Proven Standards: Processor: RAM memory: Hard disk drive: Monitor: Interface: Operating system:	DIN EN 60950 Pentium III compatible or higher 1Ghz or higher recommended 500 MHz minimum required 512 MB of RAM or higher recommended 192 MB minimum required 1.5 GB recommended 600 MB free space minimum required XGA (1024 x 768) or higher USB 2.0 recommended USB 1.1 minimum Windows XP SP2 or higher

All Geratherm Respiratory products are designed to meet the ATS and ERS criteria and other international standards and guideline's where required.

The Spirostik complies with DIN EN ISO 23747.

All Geratherm products are manufactured in accordance with DIN EN 13485.

For further information please contact us:

Geratherm Respiratory GmbH
Sparkassenpassage 1
D-97688 Bad Kissingen

www.geratherm-respiratory.com
info@geratherm-respiratory.com
sales@geratherm-respiratory.com

Tel: +49 (0)971 / 7857043-0
Fax: +49 (0)971 / 7857043-30

CE 0494

Your Local Geratherm Respiratory Partner