

# The innovative USB spirometer



## Spirostik™

*Spirostik saves you time in daily practice and offers maximum safety for your patients.*

- › *Maximum patient safety*
- › *Intuitive software platform*
- › *Quick and easy in daily practice*



**Geratherm®**  
Respiratory

Spirometry

CPET

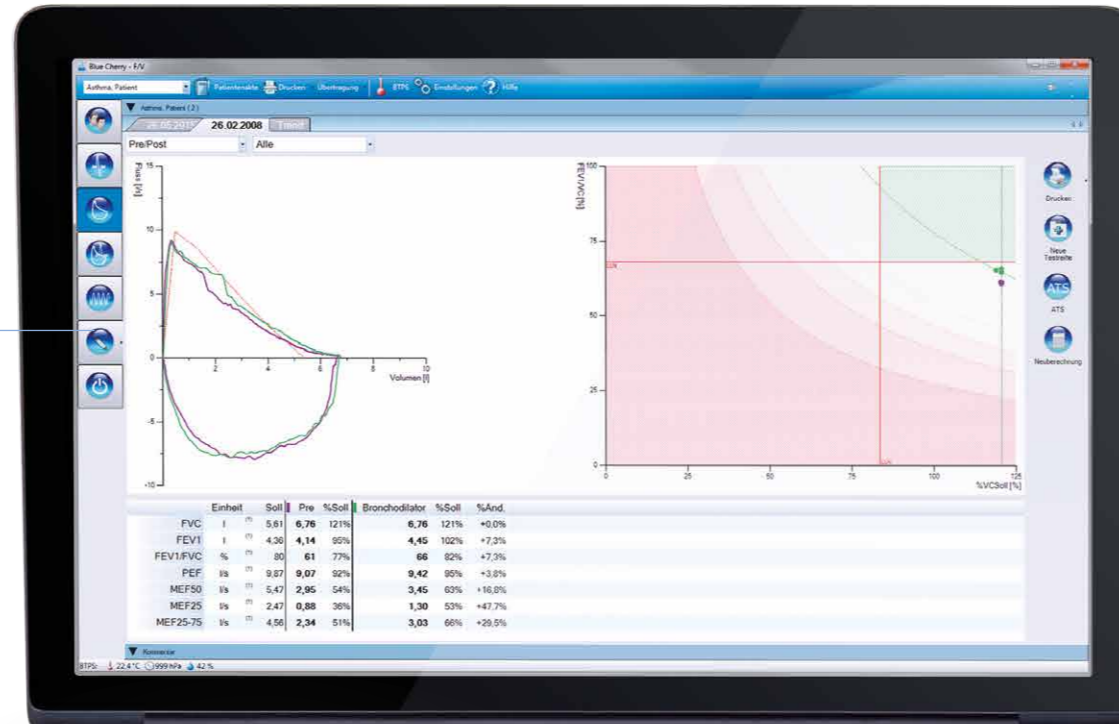
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# Extra class spirometry – a plus in hygiene and comfort

# Spirostik™

## Intuitive software platform

User-friendly with automatic diagnosis interpretation.



## Quick and easy in daily practice

Simply connect it to the computer like a USB flash drive.



## Automatic BTPS correction

The optional Ambistik ensures full-automatic BTPS correction in real time.



## Highest accuracy

Validated with current ATS waveforms and confirmed in clinical comparison.

## State-of-the-art software for pulmonary function diagnostic

Blue Cherry™ uses a powerful SQL database to store data. This allows Spirostik™ to either be optimally integrated in a complex network environment or to be used as a single-user solution spirometer.

- Easy installation
- Clear and well layed out screen presentation
- Easy and flexibly upgradable
- GDT and HL7 interfaces
- Networkable
- Powerful SQL database for secure data management and statistical evaluations
- WYSIWYG report generator



## Low dead space

Due to the extremely low dead space, the Spirostik is suitable for testing toddlers.

## Maximum patient safety

The „snap-in handle“ allows exchanging the flow sensor within seconds. Additional mouthpieces or filters are not needed.



## Reliable test results

Continuous inspections in production assure reliable test results.

# Geratherm® Respiratory

## Technical data

Tests	
Test programs	Spirometry, Flow-volume, MW
Test procedures	Individual test, Pre/Post
Options	Broncho provocation, breathing pattern analysis
Interpretation	
Diagnosis	(Semi-)automatic according to ATS/ERS 2005 Proprietary interpretation graph
Quality control	Acceptability and Repeatability according to ATS/ERS 2005
Predicted sets	GLI 2012, ECCS 1993, NHANES III, Zapletal etc.
Predicted presentations	Predicted, LLN, ULN, % Predicted, Z Score
Test electronic	
Dimensions	76.5 mm x 30 mm x 18.5 mm (L x W x H)
PC interface	USB 2.0
Power supply	5 V via USB port (< 2.5 VA)
Sampling rate	125 Hz
Software	Blue Cherry (requires Windows XP SP2 or newer version)
Flow sensor	
Principle	Differential pressure (SpirafLOW)
Range	± 16 L/s
Accuracy	± 3 % or 50 mL/s, all ATS/ERS specifications
Dead space	< 26 mL (effective)
Resistance	< 0.15 kPa/(L/s) < 14 L/s

## Accessories

### SpirafLOW Set

Item code  
10.401



### Spirostik Handle

Item code  
40.003



### Ambistik

Item code  
40.300



*Geratherm Respiratory GmbH is a subsidiary of Geratherm Medical AG.  
All products of Geratherm Respiratory GmbH meet ATS/ERS criteria  
and other applicable international standards and guidelines.  
Geratherm Respiratory GmbH is certified according  
to DIN EN ISO 13485.*

CE  
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Further information:

