# Spirostik Blue

## Technical data

| Tests | |
|---|---|
| Test programs | Spirometry, Flow-volume, MVV |
| Test procedures | Individual test, Pre/Post |
| Options | Broncho provocation, breathing pattern analysis |

| Interpretation | |
|---|---|
| Diagnosis | (Semi-)automatic according to ATS/ERS 2005 Proprietrary 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 | 210 mm x 175 mm x 75 mm (L x W x H) |
| PC interface | Bluetooth 4.0 |
| Power supply | 2 x AA (HR6 / LR6) |
| Sampling rate | 125 Hz |
| Software | BLUE CHERRY (requires Windows 7 SP1 or newer version) |

| Flow sensor | |
|---|---|
| Principle | Differential pressure (Blueflow) |
| Range | $\pm$ 16 L/s |
| Accuracy | $\pm$ 3 % or 50 mL/s, all ATS/ERS specifications |
| Dead space | < 50 mL (effective) |
| Resistance | < 0,07 kPa/(l/s) < 14 l/s |

*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.*

Your Geratherm Respiratory partner:

Further information:

## Accessories

**Blueflow Set, Disposable**
Item code
40.050

**3l Calibration Syringe**
Item code
10.801

**Ambistik**
Item code
40.300

CE
0494

## The mobile Bluetooth Spirometer

### Spirostik Blue

With the Spirostik Blue you gain freedom.

› Maximum patient safety

› Intuitive software platform

› High mobility

BLUE CHERRY

**Geratherm® Respiratory**
Spirometry    CPET    PFT

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# Extra class spirometry –
## a plus in hygiene and comfort

# Spirostik Blue

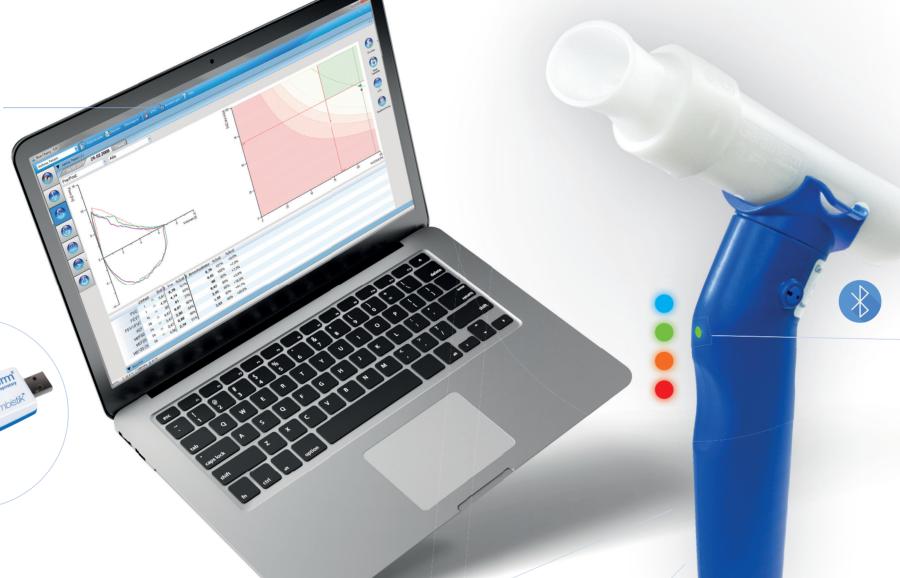### Intuitive software platform

*User-friendly with automatic diagnosis interpretation.*

### Automatic BTPS correction

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

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

BLUE CHERRY uses a powerful SQL database to store data. This allows Spirostik Blue 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*

BLUE CHERRY

### High mobility

*The wireless Bluetooth-Interface connects within seconds.*

### Maximum patient safety

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

### Low Resistance

*The low flow resistance is comfortable for patients.*

### Smart power management

*Automatic Stand-by and Power-Up allow long battery lifetime.*

### Reliable test results

*Continuous inspections in production assure reliable test results.*

# Geratherm®
## Respiratory