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
Extra class spirometry – a plus in hygiene and comfort

- **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™ 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 laid out screen presentation
  - Easy and freely 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.

- **Quick and easy in daily practice**
  - Simply connect it to the computer like a USB flash drive.

- **Higher accuracy**
  - Validated with current ATS waveforms and confirmed in clinical comparison.

- **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.
### 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
- **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

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### Accessories

- **Spiraflow Set**
  - Item code: 10.401
- **Spirostik Handle**
  - Item code: 40.003
- **Ambistik**
  - Item code: 40.300

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**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.