

SPIROTUBE B Edition

PC SPIROMETER



GENERAL DESCRIPTION

SpiroTube B Edition is a pulmonary function diagnostics and monitoring device. SpiroTube B Edition is suitable for screening COPD and asthma. SpiroTube B Edition features an exceptionally robust design for harsh conditions.

SPECIFICATIONS

- Flow measurement principle: **IDEGEN TECHNOLOGY** multiple-path
- Flow tube diameter: 30 mm (OD)
- Dead space: 16,8 mL
- Flow resolution: 8 mL/s
- Flow precision: 3 %
- Flow range: +- 18 L/s
- Connection to PC: USB
- Device dimensions: 27 X 60 X 150 mm
- Power supply: USB 5V

Robust design
Suitable for harsh conditions, under heavy use
in hospitals as well as occupational safety
diagnostic and monitoring sites
Silicone cover
Built-in automatic internal calibration
Diagnostic decision support system
Innovative diagnostic visualization
Zero cross-contamination (easy to disinfect)

THOR
laboratories

IDEGEN
TECHNOLOGY

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www.thorlabor.com

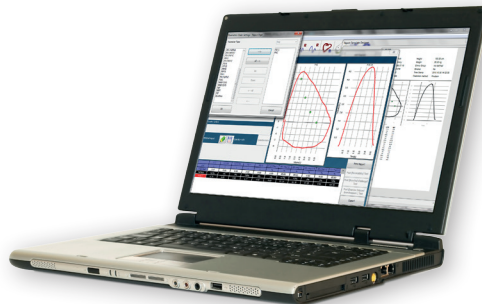
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ADDITIONAL FEATURES

- Flow measurement principle:  multiple-path
- Standard pulmonary function parameters:
FVC, -FEV*0.5, FEV*0.5/IVC, FEV*0.5/FVC,
FEV*1.0/IVC, FEV*1.0/FVC, PEF, FEF*25-75%,
MEF*75%, MEF*50%, MEF*25%, FET, MTT, FIVC,
FIV*0.5, FIV*1.0, PIF, FIF*25-75%, VC, IRV, ERV,
TV, Breath rate value
- Insp./Expi Ratio : From 1:10 to 10:1



ThorSoft Pulmonary Diagnostics PC software
All standard medical interfaces (HL7, GDT, BDT, XML)
Automatic interpretation module
Diagnostic decision support system
for general practitioners and physicians
Complete stress testing procedures

MISCELLANEOUS

- Standard Interfaces, easy integration to ECG, Home monitoring, Tele-medical set-top-boxes
- Ultra-violet lightshield assists disinfection process (optional)
- Complete integration package with driver, communication support DLL and example source code available as an option
- Automatic internal calibration, (external validation with calibration pump available as an option)
- Easy and efficient integration to HIS (Hospital Information Systems)
- Software upgrade option
- Plug & Play USB PC connection detection
- Easy upgrade, standard interfaces
- Long-term monitoring for home care use
- Pharmaceutical testing subsystem
- The inner surface of the flow tube is continuous, it can be disinfected with cold disinfecting liquid InstruMed

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