

SPIRODESK

STAND-ALONE CARDIO-PULMONARY DIAGNOSTIC STATION



GENERAL DESCRIPTION

SpiroDesk is a complete, standalone Pulmonary Diagnostics Desktop Station platform. SpiroDesk can be upgraded to a complete, standalone Cardio-Pulmonary Diagnostic Desktop Station.

It is shipped with our SpiroTube Mobile Edition wireless ultrasonic spirometer, and optionally with an oximeter and built-in Thorax EKG. It features large touchscreen for easy operation, integrated printer, ThorSoft Pulmonary Diagnostics Software with automatic decision support system and optionally Cardiax Cardiology Diagnostic software.

With our Cardio-Pulmonary Diagnostic Desktop Station you can perform Forced Vital Capacity, Relaxed Vital Capacity, Maximum Voluntary Ventilation, Oximetry and ECG with stress tests, archive measurement results to an integrated database, print spirometry reports and much more.

SpiroDesk is very simple to use, durable, accurate, and innovative.

SPECIFICATIONS

- Device dimensions: 290 X 260 X 67 mm
- Device weight: 2500 g
- Power supply: Battery (7200 mAh) or 9,5V DC adapter
- Transportation temperature: 5 °C - 60 °C
- Operating temperature: 10 °C - 40 °C
- Storage temperature: 5 °C - 60 °C
- Communication: USB, BlueTooth

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SUPPORTED MEDICAL PROCEDURES

- Standard pulmonary function parameters:

PIF, PEF, MMEF2575, MMEF2550, FVC, FIVC, FIV1%FIVC, FIV1, FIF75, FIF50, FIF25, FEV6, FEV3%FVC, FEV3, FEV1%FVC, FEV1%FIVC, FEV1%FEV6, FEV1, FEV05, FET, FEF75, FEF50, FEF25, ELA, VC, IVC, IC, ERV, TV, TI, TE, VE, RR, TV/TI, TE/TI, MVV, pulse, SpO₂



THORAX PC Software



One-piece 12Ld ECG cable and lead wires



Limb Clamps



Haemoglobin saturation
(integrated oximeter)

MISCELLANEOUS

- Forced Vital Capacity testing, Relaxed Vital Capacity testing, Maximum Voluntary Ventilation testing, blood haemoglobin saturation recording
- Complete, stand-alone patient and medical database
- Medical diagnostic decision support system, i.e. the software helps general practitioners and physicians to understand the medical graphs and curves
- Configurable medical report system with a built-in report editor, i.e. the system provides an editor to create templates for proper medical printouts
- Innovative animated medical visualization system, i.e. the system outlines major pulmonary pathologies on an illustrative respiratory system
- Pediatric incentive animation to help testing children
- Human voice communication with the patient
- Multiple language support

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