RESTING ECG PRAKTIK

12-lead PC based electrocardiograph

12-lead/12- channel ECG

Simple SINGLE-BUTTON operation

Various formats of records and printout

ECG measuring and interpretation

Unique digital filters

Long term ECG monitoring before printing

Database of patients and examinations

Communication with patient management SW

Connection to any PC with the OS Windows

Printout on A4 office paper

ECG Praktik is modern and reliable 12-lead electrocardiograph. The device is an excellent choice for use in different types of medical practices.

ECG Praktik can be connected with standard PC. Connection is simple, can be carried out by a beginner.

ECG Praktik can be upgraded for ECG Stress test and other software applications.

ECG records database
ECG records are archived using SEIVA S — BASE on the PC. Recordings are saved to a shared database. The doctors get instant overview of all examinations of the selected patient.
Using database SEIVA can ECG Praktik work in a PC network and communicate with ambulatory software.

Printout
ECG Praktik prints out on a normal office paper A4. Compared to thermal paper the printout is of superior quality and time stability. The visual display is the same as the printout - WYSIWYG.

Monitoring
All 12 leads real-time ECG monitoring can be viewed for an arbitrary time length and diagnostically interesting events recorded for later analysis.

Reliability
SEIVA EKG Praktik is powered directly from a PC. Therefore there is no use for accumulators nor moving mechanical parts such as thermoprinter.

Technical specifications

Channel count
12 channels / simultaneously displayed

Lead count
12 (I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6)
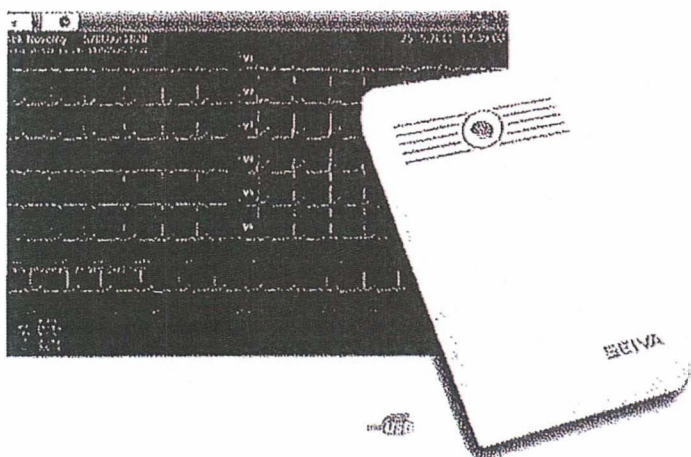
Filters
EMG 25/35 Hz, antidrift basal line, current 50/60 Hz

Speed
5, 10, 25, 50, 100 mm/s

Sensitivity
5, 10, 20 mm/mV

Record viewing
Screen with user definable layout of 12 leads, printout on office paper A4

Dimensions of the ECG module
180 x 91 x 36 mm

Connectivity
Operation system Windows XP, 7, 8 (32, 64 bit)
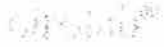
MIR
MEDICAL INTERNATIONAL RESEARCH

Spirolab

7 inch Touchscreen
All in one portable Desktop Spirometer
with Oximetry option

www.spirometry.com
www.oximetry.com

Spirolab

Fast, simple, durable diagnostic spirometer

FVC, FEV1, IVC, MVV, PRE/POST Bronchodilator comparison with a wide range of selectable parameters

Long life Rechargeable Battery

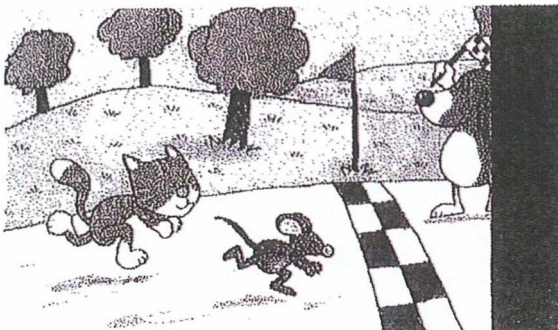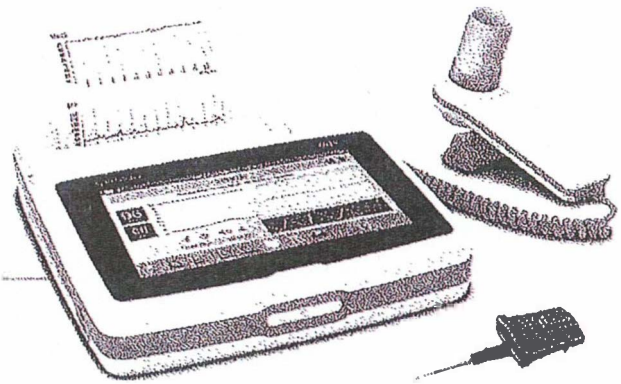Color Touchscreen 7 inches display

Direct connection to external USB Printer

10,000 Spirometry tests or 500 hours of Oximetry recording

Wireless Real Time test on PC via Bluetooth*

Fast and silent built-in printer with customizable printout format

Fast and intuitive
for modern professionals

Each function can be activated by a simple touch on the intuitive bar menu always present on the screen.
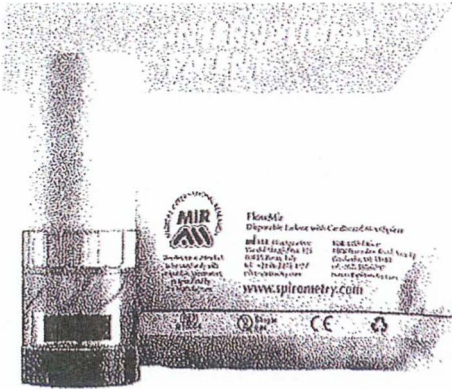
Oximetry option
Available with adult / pediatric finger probe

Patented pediatric incentive

Directly on the screen to improve patient compliance during a Spirometry test.

MIR Disposable Flowmeter
(complies with ATS/ERS standards)

Spirometry testing requires maximum accuracy and hygiene.

Each turbine is factory calibrated with a computerized system and it is packaged individually in a clean room.

No Cross-Contamination

No calibration required

100% hygiene guaranteed!

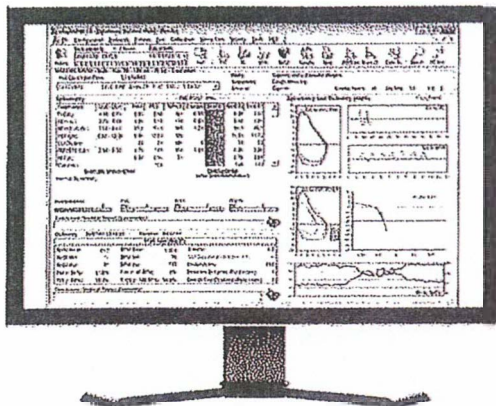**Option available: reusable turbine.**
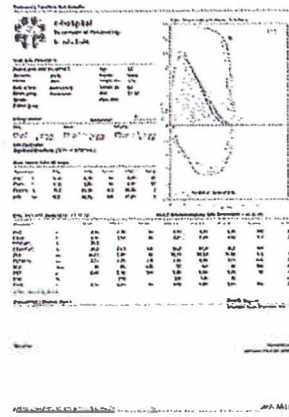
Items included

winspiroPRO®

High performance PC software for spirometry and oximetry

- Free software upgrades
- Network Version available

Carrying Case

Summary of all tests carried out

Printout: Spirometry report

- Power supply: Rechargeable battery and mains power
- Temperature sensor: semiconductor (0-45°C)
- Flow sensor: bi-directional digital turbine
- Flow range: ±16L/s
- Volume accuracy: ±3% or 50mL
- Flow accuracy: ±5% or 200mL/s
- Dynamic resistance: <0.5 cmH2O/L/s
- Connectivity: USB 2.0, Bluetooth® ❽ 2.1
- Display: 7inch colour touch screen LCD,
  800x480 resolution
- Mouthpieces: Ø 30 mm (1.18 inch)
- Dimensions: 220 x 210 x 51 mm (8,66 x 8,26 x 2in)
- Weight: 1450 g (battery pack included) (3,1lb)

Spirometry parameters:
FVC, FEV1, FEV1/FVC, FEV1/VC, PEF, FEF25, FEF50, FEF75, FEF25-75, FEF75-85, Lung Age, Extrapolated Volume, FET, Time to PEF, FEV0.5, FEV0.5/FVC, FEV0.75, FEV0.75/FVC, FEV2, FEV2/FVC, FEV3, FEV3/FVC, FEV6, FEV1/ FEV6, FEV1/PEF, FEV1/FEV0.5, FIVC, FIV1, FIV1/FIVC, PIF, FIF25, FIF50, FIF75, FEF50/FIF50, VC, IVC, IC, ERV, IRV, Rf, VE, VT, tI, tE, VT/tI, tE/tTOT, MVV (measured), MVV (calculated).

- SpO2 range: 0-99%
- SpO2 accuracy: ± 2% between 70-99% SpO2
- Pulse Rate range: 18-300 BPM
- Pulse Rate accuracy: ± 2BPM or 2% whichever is greater
- Memory capacity: up to 500 hours oximetry

Oximetry parameters (optional):
%SpO2 and Pulse Rate (Min, Max, Average), Test duration, Total SpO2 Events, T90% (SpO2 time ≤89%), T89% (SpO2 time ≤88%), T40 (Bradycardia duration with Pulse Rate <40 BPM), T120 (Tachycardia duration with Pulse Rate > 120 BPM)