

flexible

USB

Bluetooth

mobile

SPIROMETER

GDT

HL7



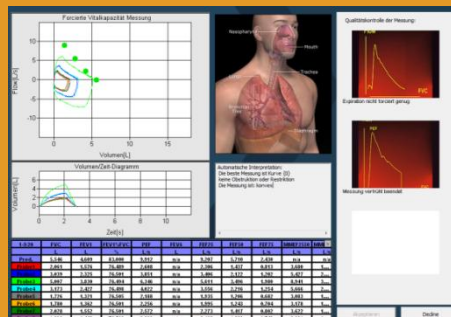
PRO SPIRO
PC-Spirometer

PRO SPIRO

ProSpiro PC-Spirometer for pulmonary function testing, in the USB or Bluetooth version – Mobile operation capability.

Measurement modes

- Forced ex- and inspiration
FVC, FEV1, FEV05, FEV3, FEV1%FVC, FEV1%FIVC, FEV3%FVC, FEV1%FEV6
FIV1%FIVC, PEF, FET, ELA, MMEF2575, MMEF2550, FEF25, FEF50, FEF75,
FEV6, FIVC, FIV1, PIF, FIF25, FIF 50, FIF75, EV, EOTV05, EOTV1, PEFT
- Static vital capacity measurement
VC, IVC, IC, ERV, TV, TI, TE,
VE, RR, TV/TI, TE/TI
- Maximal voluntary ventilation
MVV



Technical data

- Flow tube WF-Sensor
- Tolerance $\pm 3 \%$
- Resolution 8 ml/s
- Flow range $\pm 18 \text{ L/s}$
- Dead space 16,8 ml

USB Spirometer

- Digital sampling rate 100 MHz
- Power Supply USB-Port
- Dimensions 27 x 60 x 150 mm
- Weight 100 g

Bluetooth handheld Spirometer

- Digital sampling rate 80 MHz
- Display QVGA (320 x 240 px)
Touchscreen
- Power Supply internal 3,7V battery
- Dimensions 35 x 120 x 120 mm
- Weight 200 g



PC requirements

- Operating system Windows XP, Vista, 7
- CPU at least 1,6 GHz Dual Core
- RAM at least 1 GB
- HDD at least 250 GB
- Interfaces USB-Port



Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO directives. The company is EN ISO certified. All products are labeled with CE mark and in accordance to the Medical Device Directives MDD 93/42/EEC.

MESA Medizintechnik GmbH
Schärfmühlweg 4
D-83671 Benediktbeuern
GERMANY
Tel.: +49 (0) 8857 – 6918-0
Fax: +49 (0) 8857 – 6918-29
Email: info@mesamed.de
www.mesamed.de