



GIMA

SPIROBANK II SMART+ SpO2 MODULE + SOFTWARE

Code: 33514

Category: Accessories for MIR spirometers

Unit of sale: 1 pc.

Minimum order: 1

Type: Medical device

Class: II A

NSIS: 2494606

CND: Z1203020408

EAN13: 8023279335149



Description: SPIROBANK II SMART + MIR SPIRO BASIC PC SOFTWARE + OXYMETER

More than 300 hours of oximetric test records (SpO2 % and pulse frequency tests). Measured parameters: min, max and average SpO2 %, min, max and average pulse frequency, SpO2 total events, test duration, bradycardia events (<40 BPM), tachycardia events (>120 BPM), T90% (time passed with SpO2 =89%), T89% (time passed with SpO2 = 88%)

Spirometer with 10,000 tests memory capacity, monochromatic LCD display, 6 keys membrane keypad.

Battery power supply (3,7 V-1100 mA lithium) with an autonomy of approx. 50 hours of continuous use, rechargeable with USB port.

- cable (USB 2.0) or wireless (Bluetooth 4.0) connection
- internal temperature sensor for automatic BTPS conversion
- high resolution graphic display
- automatic record of a whole spirometry session including best test

Supplied with USB cable, carrying case, manual GB, IT (FR, ES, PT, DE available on www.gimaitaly.com), re-usable turbine and MIR Spiro Basic software.

Weight 140 g
Size 55x160x25 mm
160x80 pixel display

Made in Italy.

Technical Specifications:

- SPIROMETRY

Measured parameters FVC, FEV1, FEV1/FVC%, DTPEF, FEV 0.5, FEV0.5/FVC%, FEV0.75, FEV0.75/ FVC%, FEV2, FEV2/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FEF75-85%, FET, Vext, Lung Age, EVOL, FIVC, FIV1, PIF, FIV1/FIVC%, FIF25%, FIF50%, FIF75%, R50, PIF, IRV, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV

Flow sensor bi-directional digital turbine

Flow range ± 16 L/s

Volume accuracy $\pm 2.5\%$ or 50 mL

Flow accuracy $\pm 5\%$ or 200 mL/s

Dynamic resistance < 0.5 cm H2O/L/s

Available tests: FVC, VC, IVC, MVV, PRE - POST



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Connectivity USB 2.0, Bluetooth® 4.0

Power supply Lithium-Ion 3.7V, 1100 mAh

- OXIMETRY

Measurement method: red and infrared absorption

SpO2 range: 0-99% ± 2 % between 70-99% SpO2

Pulse rate range: 30-300 BPM ± 2 BPM or 2%

Signal quality indicator: 0-8 segments on display

Memory capacity: up to 300 hours oximetry