SPIROBANK II SMART+ SpO2 MODULE + SOFTWARE



Product Code	33514
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II A

RDM (NSIS)	2621340
CND	Z12150102
EAN/UPC	8023279335149
GMDN	17148

Description

SPIRO BANK II SMART + OXYMETER + MIR SPIRO PC SOFTWARE

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.

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%)

- 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, DK, PL, SE, CZ available on www.gimaitaly.com), re-usable turbine and MIR Spiro software.

Weight 140 g
Size 55x160x25 mm
160x80 pixel display

Made in Italy.

<HR>

MIR SPIRO PC software
The next-generation software for Spirometry and Oximetry.
It complies with ATS/ERS 2019. Powerful and advanced, provides a wide range of features in a new graphic and customizable settings. New user interface, much more user intuitive and easier interoperability for EHR/ EMR integration. Automatic updates provide the latest version of software.

MIR Spiro PC Software one year licence subscription included with all MIR spirometers and oximeter.
MIR Spiro software licence has one-year validity
Annual Platinum subscription renewal on mymir.spirometry.com

TEST:
FVC Pre/Post, SVC Pre/Post
Oximetry Spot
24h oximetry holter
MVV Pre/Post
Oximetry 6MWT, Oximetry Sleep

PATIENT MANAGEMENT:
New patient / Patient List / Patient Search
Patient Session Summary
Patient Risk factors/Symptoms

Test cronology comparison
Worklist

PRINTOUTS:
FVC Printout STD and ATS 2019
FVC Printout STD NIOSH/OSHA
Oximetry Calibration Printout and VC Printout
Quality Grade Printout

DATA MANAGEMENT:
Data sharing/Interoperability
Data import from Legacy db
Data Import from third parties sfw db
Data Export in Excel/csv/ATS/HL7/GDT
Data Recovery
Emphysema Severity Index (ESI)
ESI Method Artificial Intelligence

PC SYSTEM REQUIREMENTS:
Windows: 8, 10, 11 (all 32, 64 bit); RAM 1 GB for 32 bit or 2 GB for 64 bit / 1 GHz or faster processor, two or more cores in a 64 bit processor / 1 GB free hard disk space
Mac iOS: operating system from 10.13; RAM 2 GB (recommended 4 GB) / 1 GB free hard disk space
Connection: USB port or Bluetooth low energy
Multilingual software: GB, FR, IT, ES, PT, DE, PL, HU, RO, SE, NL, CZ, LV, TR, UA, GE, RU, CN, JP

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 ±16L/s
Volume accuracy ±2.5% or 50 mL
Flow accuracy ±5% or 200 mL/s
Dynamic resistance <0.5 cm H2O/L/s
Available tests: FVC, VC, IVC, MVV, PRE - POST
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