# SPIROBANK II SMART + SOFTWARE




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| Product Code | 33512 |
| Unit of sale | 1 pc |
| Minimum order | 1 |
| Type | Medical device |
| Class | II A |

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| RDM (NSIS) | 2564394 |
| CND | Z12150102 |
| EAN/UPC | 8023279335125 |

## Description

SPIRO BANK II SMART + 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.

- 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.

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**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