

Wellness
begins
with
a breath



MIR – Medical International Research

Italian excellence around the world

We develop premium medical equipment, including spirometers and oximeters, for professional and personal use to manage and prevent respiratory conditions.

With over 30 years of experience, we distribute our products in more than 100 countries thanks to the several certifications achieved over time and the ongoing investment in Research and Development.

Today, MIR represents an excellence of *Made in Italy*, with its wide range of products, strong distribution network, and innovative business strategies.

Distribution

+100

Countries
worldwide

Experience

+30

Years
of experience

Presence

3

Branches

Growth

+11k

New healthcare
professionals
per year



Professional-use products

A solution tailored to every need.

**Spirolab
Spirodoc
Spirobank II BLE**

**Spirobank II Basic
Minispir**

Spirolab

All-in-one desktop spirometer for rapid and comprehensive reporting

911080 - Spirolab
911081 - Spirolab with Oximetry



- **All in one**
Complete spirometer for testing without the need for a computer
- **Touchscreen**
7" color
- **Embedded thermal printer**
Customizable print and detailed immediate test reports
- **Connection to external printer**
Postscript language
- **Calibration**
Directly available on device
- **Pediatric incentive**
Available on display

Supported tests

Spirometry

FVC, VC, MVV, PRE/POST bronchodilator comparison

Oximetry (optional)

Spot test (SpO2%, BPM)

Info

ATS/ERS 2019, CE 0476,
FDA 510(k)



Available with both **disposable** and
reusable turbine flowmeter



MIR Spiro
New Spirometry Software for
Windows and MacOS





Spirodoc

Touchscreen portable spirometer with optional 3D oximeter. 6 Minute Walking Test, Sleep Test, and 24h Holter for SpO2%



- **6MWT, Sleep Test, and 24h Holter for SpO2%**
Measurement of desaturation events during exercise, sleep and daily activities
- **Touchscreen**
Fast data entry

- **3 Available configurations:**
Spirometer; Oximeter; Spirometer and Oximeter
- **Optoelectronic reader** for removable spirometry

Supported tests

Spirometry

FVC, VC, MVV, PRE/POST bronchodilator comparison

Oximetry (optional)

Spot test (SpO2%, BPM), 6MWT, Sleep test, and 24h Holter for SpO2%

Info

ATS/ERS 2019, CE 0476,
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Available with both **disposable** and
reusable turbine flowmeter

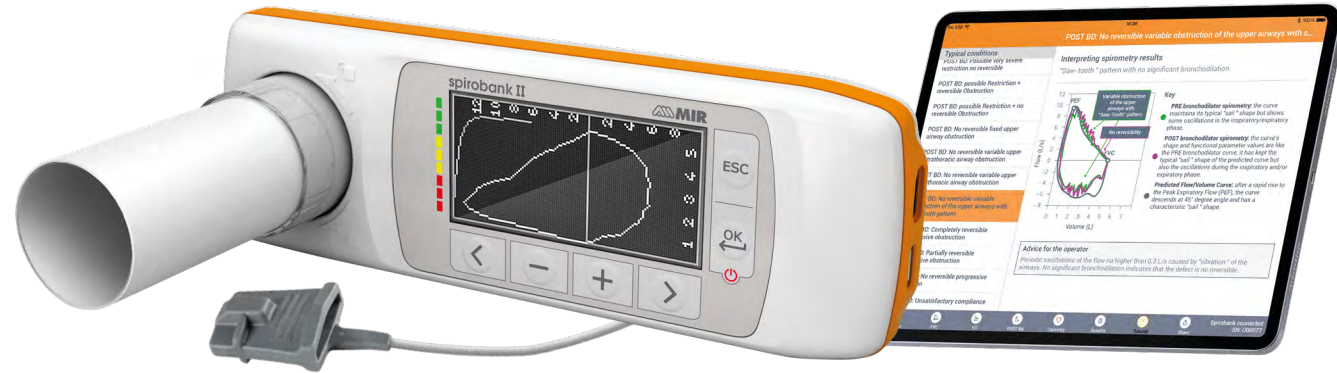


MIR Spiro
New Spirometry Software for
Windows and MacOS



Spirobank II BLE

Portable spirometer for Tablet and PC:
3 modes of use in a single device



• 3 Modes of use

Stand Alone, PC via USB and Bluetooth (MIR Spiro software), Tablet via Bluetooth (MIR Spiro app)

• Bluetooth Low Energy

Tablet connection via dedicated MIR Spiro app



• Intuitive display with easy-to-use buttons

• Pediatric incentive

Real-time animation available on both Tablet and PC for improved patient collaboration during the test

Supported tests

Spirometry

FVC, VC, MVV, PRE/POST bronchodilator comparison

Oximetry (optional)

Spot test (SpO2%, BPM)

911028 – Spirobank II Smart BLE

911029 – Spirobank II Smart BLE with Oximetry

Info

ATS/ERS 2019, CE 0476,
FDA 510(k)

Available with both **disposable** and
reusable turbine flowmeter

MIR Spiro
New Spirometry Software for
Windows and MacOS





Spirobank II Basic

Portable spirometer for simplified and accurate spirometry



- **Easy to use in the doctor office**
Ideal for pediatricians, family doctors, sports doctors, and screening
- **Supported Parameters**
*FVC, *FEV1, *PEF, FVC, FEV1, FEV1/FVC, PEF, FEF25-75, FET, BEV, VC, IVC, IC, ERV, ELA
*Best values
- **Intuitive display** with easy-to-use buttons

Supported tests

Spirometry

FVC, VC, MVV, PRE/POST bronchodilator comparison

Info

ATS/ERS 2019, CE 0476,
FDA 510(k)



Available with both **disposable** and
reusable turbine flowmeter



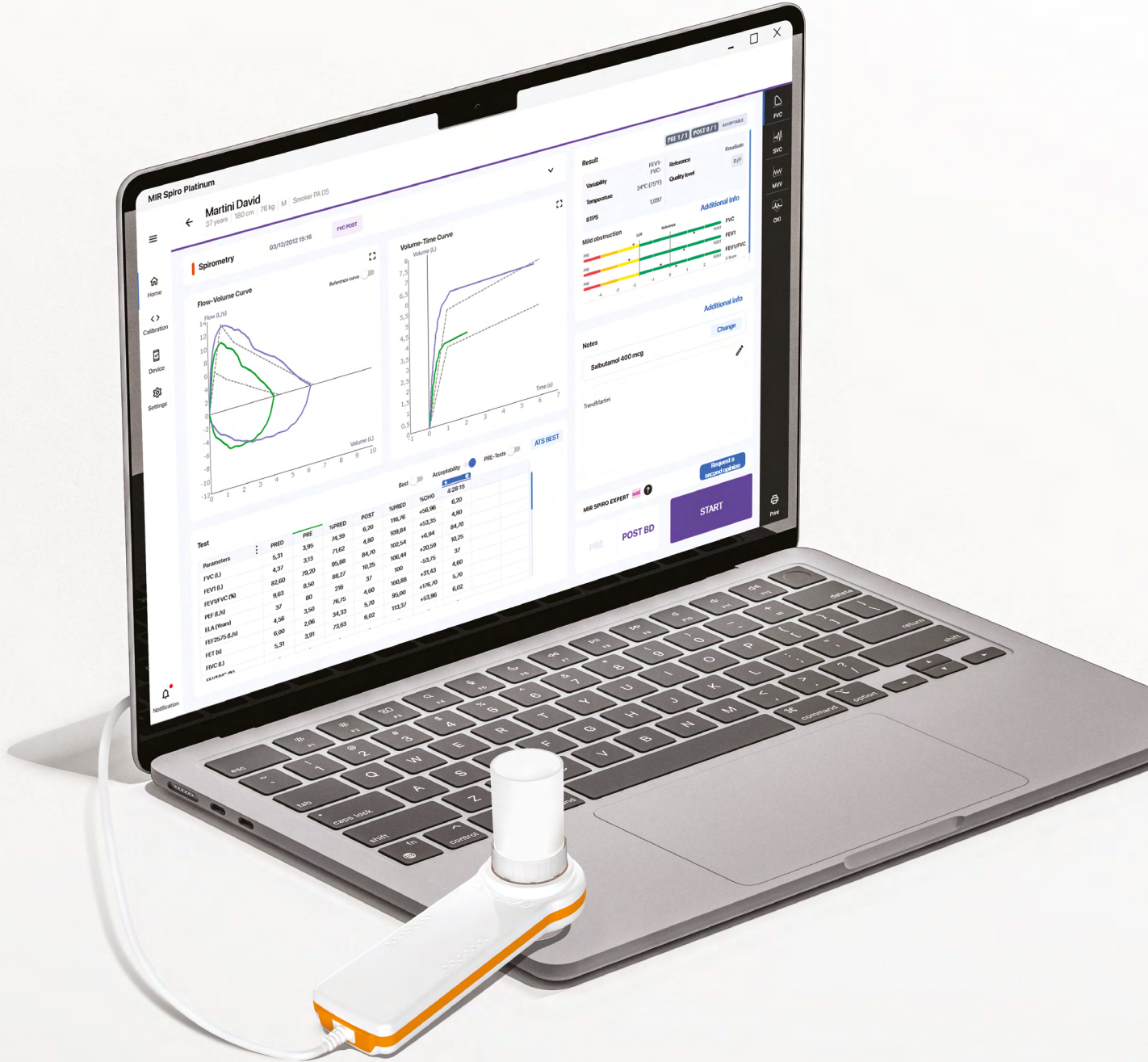
MIR Spiro
New Spirometry Software for
Windows and MacOS



Minispir

USB spirometer for real-time tests directly on PC


- **Plug & Play**
Device powered via integrated USB cable, without screen, without internal memory and with direct data recording on MIR Spiro software
- **Real-time tests**
Real-time tests displayed on the PC screen via MIR Spiro software





Supported tests

Spirometry
FVC, VC, MVV, PRE/POST bronchodilator comparison

Info

ATS/ERS 2019, CE 0476, FDA 510(k) 

Available with both **disposable** and **reusable** turbine flowmeter 

MIR Spiro
New Spirometry Software for **Windows** and **MacOs** 



Flowmir

Disposable turbine flowmeter with cardboard mouthpiece

- Flowmir is the **turbine measurement system** crafted by MIR
- **Individually packed**, Flowmir turbines include a **cardboard mouthpiece** and are for **single patient use**
- Get **reliable** and **accurate** measurements with Flowmir!

The best sensor 


No sterilization required 

No calibration required 



 No cross-contamination

 No vapor condensation

 No influence from environmental variations

MIR Spiro

Be **Platinum!**

MIR Spiro Platinum is the **latest generation software** for Spirometry and Oximetry compatible with all professional MIR devices.

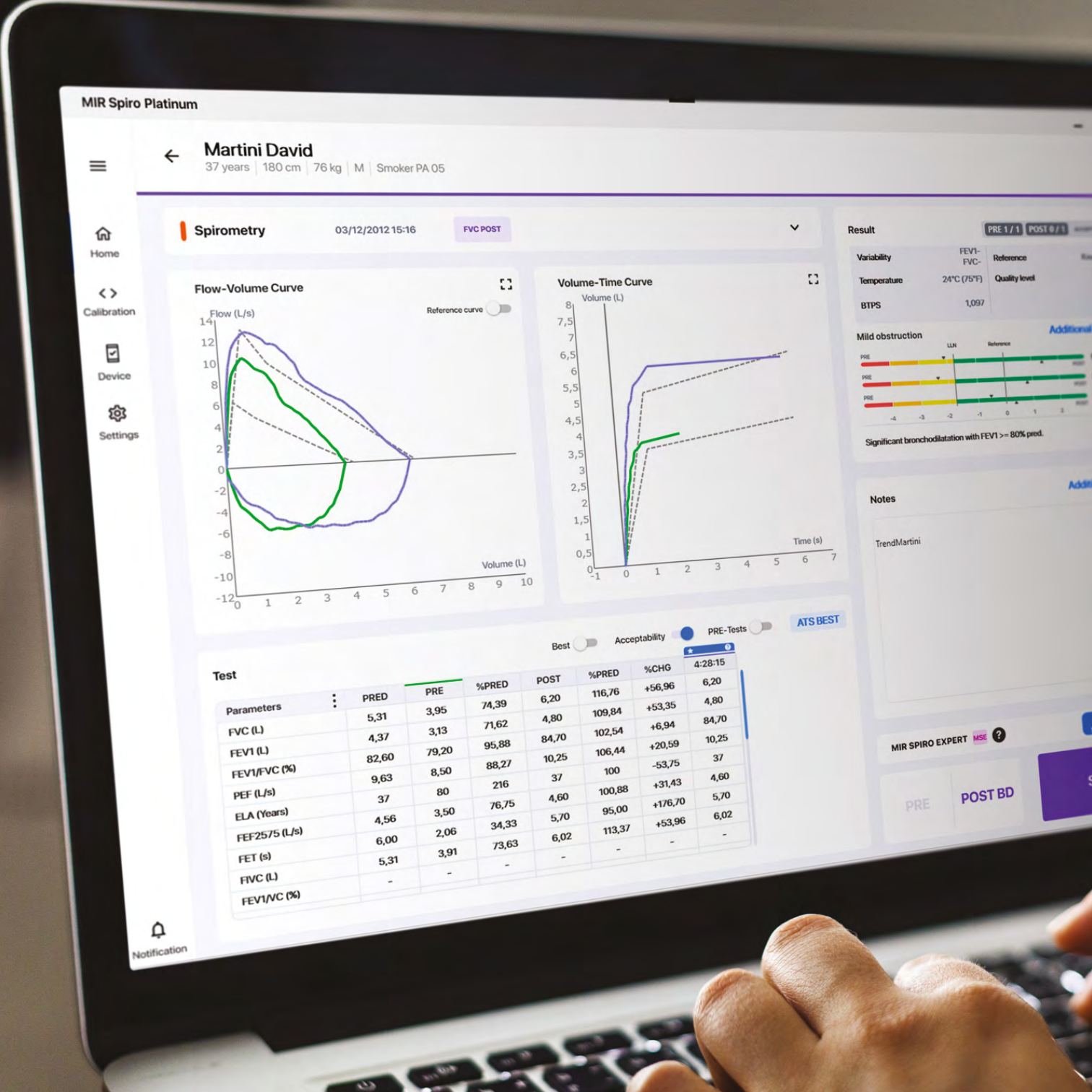
Strong and advanced, it offers a wide range of innovative features in a renewed graphical style and customizable settings that allow for **more in-depth diagnoses, ease of use**, support in assessments and clinical decisions

(**Second Opinion**), integration with electronic medical records (**EMR/EHR**), and much more.

Designed to function efficiently and seamlessly on both **MacOS** and **Windows** operating systems, MIR Spiro ensures a **stable, reliable, and lasting user experience**.



Discover more





Personal-use products

Anytime, anywhere.

Spirobank Smart
Spirobank Oxi

Smart One

Spirobank Smart

The perfect spirometer for comprehensive and accurate testing, even remotely



Mutual features of Spirobank Smart and Spirobank Oxi:

- **Real time testing** on Smartphone
- **Test results** available on the **free dedicated MIR SPIROBANK app**, exportable in PDF format for **sharing** with your trusted **healthcare professional**
- Integration with **third - party apps** for professional and personal use (upon request)
- Designed for **screening, patient monitoring, homecare, and clinical trials**

Supported tests

Spirobank Smart and Spirobank Oxi: Spirometry

FVC, FEV1, FEV1/FVC%, PEF, FEF2575, FEF25, FEF50, FEF75, DTPEF, EVOL, FEV6

Spirobank Oxi: Oximetry

SpO2%min, SpO2%mean, SpO2%max, BPMmin, BPMmean, BPMmax, Ttotal

911105 - Spirobank Smart
911125 - Spirobank Oxi

Spirobank Oxi

Spirometer with SpO2% and BPM



Additional features of Spirobank Oxi:

- **Reflectance SpO2% sensor** (Touch) to detect blood oxygen saturation
- Real-time **plethysmographic curve** on Smartphone

Info

Available with both **disposable** and **single-patient reusable** turbine flowmeter



App MIR Spirobank



GET IT ON
Google Play

Download on the
App Store



App MIR Spirobank

Spirometry and Oximetry tests now available on your Smartphone!

Go-to-market toolkit: Software Development Kit (SDK) available for app developers



- **Spirometry and Oximetry** tests in a **single app**, always accessible on your **Smartphone**
- **Automatic connection** between the **device** and **Smartphone** via **Bluetooth Smart 4.0**
- **Professional medical report** stored on the Smartphone, exportable in **PDF format** for sharing with the physician via **email, Whatsapp, SMS, Cloud, Drive, Bluetooth, Airdrop**, and other apps
- **Personal trend:** create an **electronic diary** by adding **notes** and **symptoms**
- Traffic-light system and **acceptability** messages
- **Real-time animation** to enhance patient collaboration during the test



Smart One

Peak Flow and FEV1 on your Smartphone

- Ideal for managing **respiratory diseases (Asthma, Cystic Fibrosis, COPD)**, detecting and controlling **exercise-induced asthma** after sports activities, and preventing the onset or worsening of even severe **respiratory conditions**
- **1-second** real-time tests on Smartphone, simple and intuitive



Supported tests

Spirometry
PEF and FEV1

Info

Available with single-patient
reusable turbine flowmeter



App MIR Smart One



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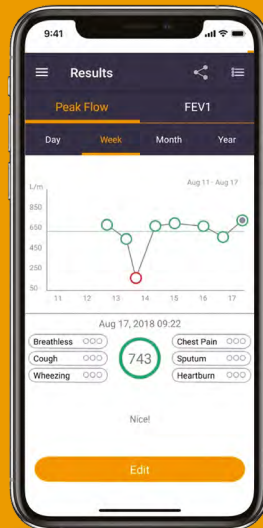
App MIR Smart One

Measurement of peak flow and oximetry for basic self-screening on your Smartphone

Go-to-market toolkit: Software Development Kit (SDK) available for app developers



- **PEF and FEV1** and tests in a **single app**, **always accessible on your Smartphone**
- Easy-to-read **graphic trends** for **self-monitoring**
- **Automatic pairing** between device and **Smartphone** via **Bluetooth Smart 4.0**
- **Personal report** stored on the Smartphone, exportable in **PDF format** for sharing with the physician via **email, Whatsapp, SMS, Cloud, Drive, Bluetooth, Airdrop, and other apps**
- **Personal trend:** create an **electronic diary** by adding **notes** and **symptoms**
- Traffic-light system and **acceptability** messages
- **Real-time animation** to enhance patient collaboration during the test





Consumables and Accessories



FlowMIR Disposable Turbine
with Mouthpieces 60/BX

Code: 910004
MIR Model:
All professional-use
products



Paper Adult Disposable Mouthpiece
100/BG

Code: 910300G
MIR Model:
All Spirometers



FlowMIR Turbine
with VB Max Filter Disposable Mouthpieces
100/BX

Code: 910304
MIR Model:
All professional-use
products



Plastic Nose Clip
Foam 100/BG

Code: 910320-F
MIR Model:
All Spirometers



Reusable Turbine

Code: 910002
MIR Model:
All professional-use
products



Bacterial/Viral Filter
50/BX

Code: 910320-S
MIR Model:
All professional-use
products



**Reusable Orange Turbine & Plastic Mouthpiece
Replacement Kit for Smart Devices**

Code: 910013
MIR Model:
Spirobank Smart/Oxi,
Smart One/Oxi



Calibration Syringe 3L

Code: 919000
MIR Model:
All professional-use
products



MIR Thermal Paper for Spirolab
10 Rolls/BX

Code: 910350
MIR Model:
Spirolab



Oximetry Sensor - Adult
Soft Rubber for Spirodoc, Spirobank II, Spirotel

Code: 919024_INV
MIR Model:
Spirodoc, Spirobank II,
Spirotel



Disposable Pediatric Adapter
for Disposable Turbine 15/PK

Code: 910310-S
MIR Model:
All Spirometers



Oximetry Sensor - Adult
Soft Rubber for Spirolab

Code: 919024
MIR Model:
Spirolab

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