MIR

Spirobank II Basic



Portable spirometer for simplified and accurate spirometry

Supported tests

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

Key features

Easy to use for outpatients

Ideal for pediatricians, family doctors, sports doctors, and screening

Display

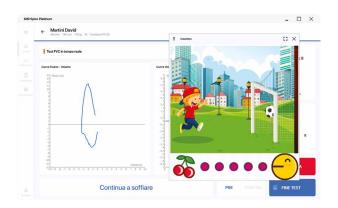
Intuitive display with easy-to-use buttons



N Real-time tests

Real-time tests displayed on the PC screen

N Pediatric incentive



Available in PC mode using **MIR Spiro** software for better patient collaboration during the test

♦ Integrated temperature sensor

Automatic BTPS Conversion

▶ Predicted values

Wide selection of predicted values including GLI, ERS and others, directly on the device and in PC mode

► EMR/EHR connectivity
Integration via MIR Spiro
software with EMR/EHR (in HL7,
GDT, FHIR, EXCHANGE PROTOCOL)

Compatible turbines

		Mouthpiece	Turbine disinfection	Turbine calibration	Packaging	Antiviral filter
FlowMIR® disposable turbine	ANA ALL ANA	Disposable included	Not required	Not required	Individually packaged: packs of 60 pieces	Optional
Reusable turbine		Required, not included	Required	Required	Pack of 1 unit	Recommended by ATS

How to use

Spirobank II Basic works in both **Stand Alone** mode and with **PC connection via USB**

MIR Spiro software

- Comprehensive software for spirometry and oximetry
- **♦** Designed to be integrated with EMR/EHR
- **♦** Complies with the latest ATS/ERS guidelines
- Available for desktop and laptop use
- MacOS and Windows

All MIR professional devices work with **MIR Spiro** software, **the latest generation software** for spirometry and oximetry.





Platinum Card

To subscribe to a Platinum subscription plan it is necessary to have the MIR Spiro Platinum Card.

Measured parameters

	From MIR Spiro software via connection to the device	From device in Stand Alone mode	
Spirometry	FVC, FEV1, FEV1%, PEF, FEF25-75, FET, VC, IVC, IC, Extr. Vol, ELA ERV, MVV	*FVC, *FEV1, *PEF, FVC, FEV1, FEV1/FVC, PEF, FEF25-75, FET, BEV, VC, IVC, IC, ERV, ELA *Best values	



Datasheet

Size	55 x 160 x 25 mm
Weight	140 g (battery pack included)
Turbine	·Reusable Turbine
	(code 910002)
	·Disposable turbine
	(code 910004)
Battery pack	Rechargeable lithium-ion
	3.7 V, 1100 mAh
Current	1100 mAh
Consumption	~20-30 mA (during testing)
Charge Batteries	Voltage=5 V DC,
	Current = minimum 500 mA,
	Input current =
	100VAC - 240 VAC
	Connector: micro USB type B
	compliant with EN 60601-1
Autonomy	50 hours
Connectivity	USB 2.0
Display	monochrome LCD, 160 x 80 pixels
Keyboard	6-key membrane
Mouthpiece	Ø 30 mm (1.18 in)
Type of electrical	Powered internally
protection	
Safety level due	Type BF device
to shock hazard	
IP protection level	IPX1
Terms of use	Device for continuous use
Storage conditions	Temp: MIN -20°C, MAX+60°C
	Humidity: MIN 10% RH; MAX 95%RH
Operating conditions	Temp: MIN +10°C, MAX +40°C
	Humidity: MIN 10% RH, MAX 95%RH

Spirometry		
Sensor	two-way digital turbine	
Flow range	±16L/s	
Volume accuracy	±2.5% or 50mL	
Flow accuracy	±5% or 200 mL/s	
Dynamic resistance	<0.5 cm H2O/L/s	
Temperature sensor	semiconductor (0-45°C)	
Available tests	FVC, VC, IVC, POST	
Measured parameters	FVC, VC, IVC, IC, ERV, FEV1, FEV1%,	
	PEF, FEF 25-75, FET, EVOL, ELA	
Memory capacity	more than 10,000 tests	
Certificates and registrations		
CE 0476	MDR 2017/745	
FDA 510 (k)	K 061712	
Health Canada	71191 (Class II)	
EMDN Liv.4	Z121501	
CND Code	Z12150102 (spiral)	
GMDN Code	46906 (spiral)	
List no	2494320/R (911021I0)	
	2494610/R (911021I1)	
Applicable regulations	Electrical Safety Standard	
	IEC 60601-1:2005 + Amd1:2012	
	Electromagnetic compatibility	
	standard EN 60601-1-2:2015	
	ISO 26782:2009	
	ISO 23747:2015	
	ATS/ERS: 2005, 2019 Update	

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