



# Spirobank II<sup>®</sup> Basic

Low cost handheld diagnostic Spirometer with interpretation. Measures basic parameters. PC connectivity via USB.

The Spirobank II<sup>®</sup> Basic is a handheld, portable diagnostic spirometer designed for use in environments where it's only necessary to take basic measurements of the main spirometric parameters.

Its pocket size design with rechargeable long-life battery makes it ideal for use in situations where remote testing is required. The user interface is fast and intuitive to operate with an icon-based navigation menu on a backlit, high resolution display. It can be used as a "stand-alone" with onboard memory that is capable of storing up to 10,000 test results. It can also connect to a PC via USB allowing for real-time spirometry testing, and downloading of test results stored on the device using the free MIR WinspiroPRO<sup>®</sup> PC Software.

The Spirobank II<sup>®</sup> Basic measures FVC, FEV1, FEV1%, PEF, FEF25-75, FET, Extrap. Volume, Lung Age, VC, IVC, IC, ERV and PRE and POST Bronchodilator comparison. Results are previewed on the display following a test, with a flow/volume graph in addition to the patient's actual spirometry readings for immediate assessment. It also features a traffic light health indicator for easy interpretation of results.

## Re-usable and disposable consumable options

The Spirobank II<sup>®</sup> Basic can be used with both re-usable and single-use disposable turbines. Re-usable turbines are used with standard adult one-way valve mouthpieces. The single-use disposable turbines have a pre-connected mouthpiece and are individually factory calibrated and packaged.

## KEY FEATURES

- Easy to use handheld spirometer**  
 Navigate easily through the icon-based menus on a clear, high resolution screen
- Measures main spirometric parameters**  
 Perfect for simple spirometry testing
- Traffic light health indicator**  
 A visual way to easily interpret test results
- Large memory storage**  
 Store up to 10,000 tests
- USB connectivity to PC**  
 Download results stored on the device and conduct real-time spirometry using WinspiroPRO<sup>®</sup> PC software.
- Built in rechargeable battery**



# MIR Spirobank II® Basic

TECHNICAL SPECIFICATIONS	
Device category	Diagnostic spirometer
Spirometry parameters	FVC, VC, IVC, IC, ERV, FEV1, FEV1%, PEF, FEF 25-75, FET, EVOL
Flow measurement	± 16 L/s
Volume accuracy	± 3% or 50 mL
Flow accuracy	± 5% or 200 mL/s
Temperature sensor	Semiconductor (0-45°C), automatic BTPS conversion
Data transmission	USB
Memory storage	Approx. 10,000 tests
Power	3.7 V, 110 mA lithium battery - USB rechargeable
Display	160 x 80 pixel with 6-key membrane keyboard
Dimensions	160x55x25 mm
Weight	140 g (with battery)

## Ordering Information

PART NUMBER	DESCRIPTION
MR-911021E1	MIR Spirobank II® Basic with re-usable turbine
MR-911021E2	MIR Spirobank II® Basic with 100 x disposable turbine
MR-910002	Replacement re-usable turbine
MR-910004	Disposable turbines (Box of 50)
881002	One-way valve adult mouthpieces for re-usable turbine (Box of 200)

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