

# Spirometer Spirolab NEW

Highly Portable Desktop Spirometer



Temperature sensor:	semiconductor (0-45°C)
Flow sensor:	bi-directional digital turbine
Flow range:	± 16 L/s
Volume accuracy:	3% or 50 mL
Flow accuracy:	± 5% or 200 mL/s
Dynamic resistance at 12 L/s:	<0.5 cmH <sub>2</sub> O/L/s
Connectivity:	USB, RS232 and Bluetooth
Power Supply:	Rechargeable battery and mains power
Printer/paper:	Thermal
Display:	7 inch touchscreen, 800x480 resolution
Dimensions:	220 × 210 × 51 mm
Weight:	1,45 kg

## Prices

Price will be based on the agreed minimum rental period and on specifications of required equipment.

Our standard minimum rental terms are 6, 12, 18, 24, 36, 48 and 60 months.

For a suitable tailor made quotation, please contact us at:

- E: [sales@medicapitalrent.com](mailto:sales@medicapitalrent.com)
- T: +31 71 581 4 581

Should you require different technical specifications, please do not hesitate to contact us.

## Disposable turbine

Spirometry testing requires maximum accuracy and hygiene. The FlowMir disposable turbine is the answer to both requirements. Each turbine is factory calibrated with a computerized system and packaged individually. After patient testing both the turbine and mouthpiece are discarded. The only solution to guarantee 100% cross contamination free testing with a preview of the spirometry curve.

## Easy to Use

FVC, VC with breathing pattern plus MVV tests with real time curves. High resolution color display. Simple icon based menu on the touchscreen. PRE test and related POST test are shown superimposed.

## PC software

The Spirolab NEW can be used as a stand alone device, and also linked to a PC. All tests memorized in Spirolab NEW can be downloaded into the WinspiroPRO software and a patient data card is created automatically, with a preview of the spirometry curve.

## Measured parameters

FVC, FEV<sub>1</sub>, FEV<sub>1</sub>/FVC, FEV<sub>1</sub>/VC, PEF, FEF<sub>25</sub>, FEF<sub>50</sub>, FEF<sub>75</sub>, FEF<sub>25-75</sub>, FEF<sub>75-85</sub>, Lung Age, Extrapolated Volume, FET, Time to PEF, FEV<sub>0.5</sub>, FEV<sub>0.5</sub>/FVC, FEV<sub>0.75</sub>, FEV<sub>0.75</sub>/FVC, FEV<sub>2</sub>, FEV<sub>2</sub>/FVC, FEV<sub>3</sub>, FEV<sub>3</sub>/FVC, FEV<sub>6</sub>, FEV<sub>1</sub>/FEV<sub>6</sub>, FEV<sub>1</sub>/PEF, FEV<sub>1</sub>/FEV<sub>0.5</sub>, FIVC, FIV<sub>1</sub>, FIV<sub>1</sub>/FIVC, PIF, FIF<sub>25</sub>, FIF<sub>50</sub>, FIF<sub>75</sub>, FEF<sub>50</sub>/FIF<sub>50</sub>, VC, IVC, IC, ERV, IRV, Rf, VE, VT, tI, tE, VT/tI, tE/tTOT, MVV (measured), MVV (calculated).

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