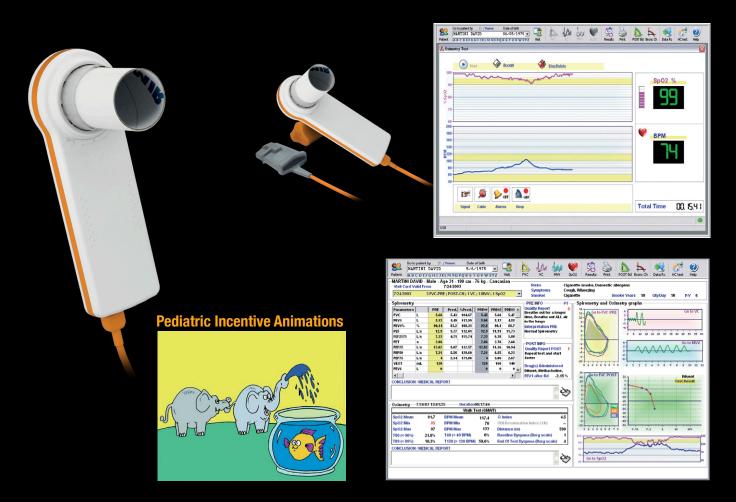
New Minispir® Line



Minispir® mini-laboratory for spirometry and oximetry

WinspiroPRO

high performance PC software



WWW.OXIMETRY.COM

Plugs directly into the USB port. Real time Flow/Volume loop and Volume/time curve with PRE/POST comparison.

Advanced spirometry test interpretation. Pediatric incentive animations. Lung Age.

Bronchial provocation test including new Mannitol protocol with FEV1 response curve. Temperature sensor for BTPS conversion.

Option available: embedded Oximeter.

WinspiroPRO is a unique software, which comes standard with Minispir®.

All patient records are shown on simple, single-screen patient cards with dynamic management of all data and graphs.

WinspiroPRO can easily be connected to a database or EMR, hospital or occupational health system (HL7 interface).

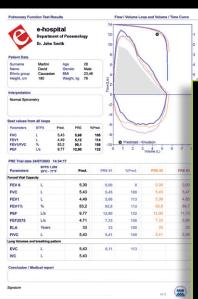
Supports NHANES *III* standard. Network Version available on request.

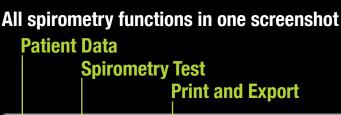
Minispir® light

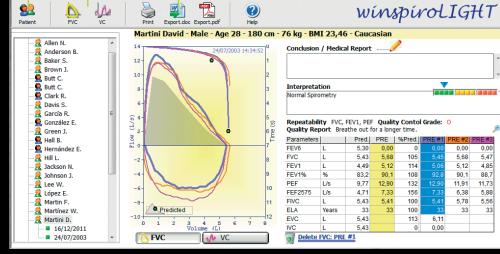
COPD and Asthma intuitive screener

Winspiro light simplified spirometry









Plugs directly into the USB port.

Minispir [®] *light* measures the essential parameters for a diagnostic spirometry: FEV6, FVC, FEV1, FEV1%, PEF, FEF2575, FIVC, Lung Age, VC, IVC.

Flow/Volume loop and Volume/Time curve. **Spirometry test interpretation.**

Temperature sensor for BTPS conversion. Inexpensive and easy to use, Minispir® light meets the requirements of integrated healthcare platforms and tablets applications.

Special edition available for POST BD test.

Winspiro light is an intuitive and efficient software, which comes standard with Minispir® light for complete diagnosis.



Data export also via Email.

Pediatric Incentive Animations



Minispir® Spirometer

Technical specifications

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 cmH₂O/L/s

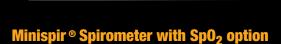
Communication port: USB

Power Supply: line powered from USB port Dimension: 52×128×26 mm (2.1×5.0×1.0 inch)

Weight: 70 gram (2.5 Oz)



FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV.



Technical specifications

SpO₂ range: 0-99%

Sp02 accuracy: ± 2% between 70-99% Sp02

Pulse Rate range: 30-300 BPM
Pulse Rate accuracy: ± 2 BPM or 2%



SpO₂ [Baseline, Min, Max, Mean],
Pulse Rate [Baseline, Min, Max, Mean],

T90 [Sp0₂<90%], T89 [Sp0₂<89%], T88 [Sp0₂<88%],

T5 [ΔSp0₂>5%], Δ Index [12s], Sp0₂ Events, Pulse Rate Events

[Bradycardia, Tachycardia]



Minispir® and Minispir® light

MIR Medical International Research

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Minispir® Light Spirometer

Technical specifications

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 cmH₂O/L/s

Communication port: USB

Power Supply: line powered from USB port Dimension: 52×128×26 mm (2.1×5.0×1.0 inch)

Weight: 70 gram (2.5 Oz)

Measured parameters

FVC, FEV1, FEV1%, FEV6, PEF, FEF25-75%, FIVC, Lung Age, VC, IVC.

FlowMIR® disposable turbine Complies with ATS/ERS standards





Spirometry testing requires maximum accuracy and hygiene. FlowMir [®] is the answer to both requirements. Each turbine is calibrated with a computerized system and is packaged individually.

After patient testing both the turbine and mouthpiece are discarded.

Only in this way 100% hygiene can be guaranteed.

MIR USA. Inc.

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