



Minispir Light

Spirometer

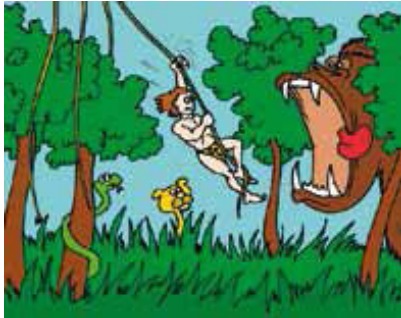
The Minispir Light is a cost-effective spirometer, designed for software-based medical solutions. Real-Time COPD and Asthma screening have never been so intuitive and inexpensive! Ideal for Occupational Medicine, Sport Medicine and Pediatric Medicine. Spirometry test interpretation and Quality Control Grade according to the latest Spirometry standards. Embedded temperature sensor for BTPS conversion.

- Measures the essential parameters for 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
- Meets the requirements of integrated healthcare platforms and tablet applications.

Winspiro Light

Simplified Spirometry PC Software

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

All spirometry functions in one screenshot.

Patient Data
Spirometry Test
Print & Export

winspiroLIGHT

Martini David - Male - Age 28 - 180 cm - 76 kg - BMI 23,46 - Caucasian

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Conclusion / Medical Report

Interpretation
Normal Spirometry

Repeatability FVC, FEV1, PEF Quality Control Grade:

Quality Report: Breathe out for a longer time.

Parameters		Pred	PRE	%Pred	PRE-#1	PRE-#2	PRE-#3
FEV5	L	5.30	0.00	0	0.00	0.00	0.00
FVC	L	5.43	5.68	105	5.48	5.68	5.47
FEV1	L	4.49	5.12	114	5.08	5.12	4.85
FEV1%	%	83.2	90.1	108	92.5	90.1	88.7
PEF	L/s	9.77	12.00	132	12.90	11.91	11.73
FEF2575	L/s	4.71	7.33	156	7.33	6.38	5.88
FVC	L	5.43	5.41	100	5.41	5.78	5.56
ELA	Years	33	33	100	33	33	33
EVC	L	5.43		113	6.11		
IVC	L	5.43		0	0.00		

Buttons: Patient, FVC, VC, Print, Export.Doc, Export.pdf, Help

Feature Specifications:

Temperature sensor:
semiconductor (0-45°C)

Dynamic resistance at 12 L/s:
<0.5 cmH₂O/L/s

Flow sensor:
bi-directional digital turbine

Communication port:
USB

Flow range:
± 16 L/s

Power Supply:
line powered from USB port

Volume accuracy:
± 3% or 50 mL

Dimension:
142x49.7x26 mm

Flow accuracy:
± 5% or 200 mL/s

Weight:
65 gram (2.5 Oz)

Measured Parameters

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