Sibelmed®

Portable SPIROMETER for the diagnosis of respiratory diseases such as ASMA and COPD

SPIROMETER DATOSPIR MICRO

153,5 x 80 x 52 mm.

250 g.

5" touchscreen

Curves in real time

Clinic or patient mode

Carrying Case

2 models

Test export

W20s Software

USB

Bluetooth

www.sibelmed.com

Description

The DATOSPIR MICRO, is a portable spirometer for the diagnosis of respiratory diseases such as ASMA and COPD.

It has been developed by SIBELMED's R + D + i department and complies with ERS / ATS and SEPAR standards.

Model A

Model C

Touchscreen
Type PDA

Mode patient
For the monitoring and control of asthmatic patients

Turbine transducer
Accurate and factory calibrated

Quality control
Spirometry test

Database
More than 2,000 tests

USB and Bluetooth connectivity
From the computer to the pc

Test export
To other management systems

Autonomous use
Or via W20s software

The portability of the DATOSPIR MICRO makes it the ideal spirometer for occupational medicine and primary healthcare.

DATOSPIR MICRO · portable spirometer
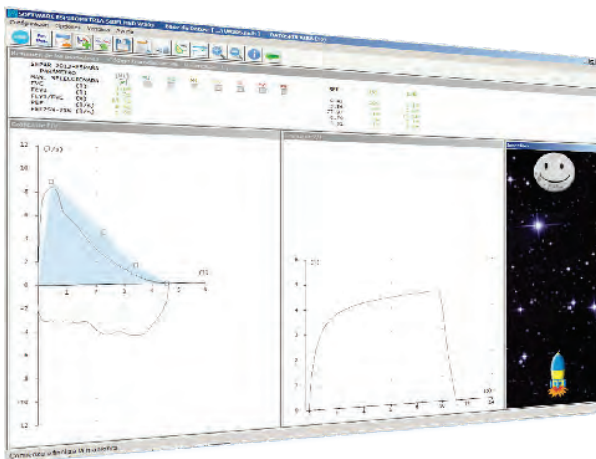
W20s Software

Free updates

DATOSPIR MICRO incorporates as standard the *SIBELMED W20s* software, to carry out simple intuitive and quality spirometry test:

- Tests: FVC/ Bronchodilation, VC, MVV and bronchoconstriction (**+40 parameters**).
- Simultaneous F/V and V/T graphs.
- Incentive graphs.
- Selection of different automatic diagnoses.
- More than 20 international references.
- Includes the Quanjer 2012-GLI with LLN and Z-score reference values.
- Spirometry quality control.
- Trend reports to view the development of the patient.
- Export data in XML or PDF.
- Management of different databases.
- Compatible with Windows VISTA, 7, 8.1 and 10.

Suitable for Windows 10 tablet

FVC with pediatric incentive

Compatible with all Sibelmed spirometers

Interoperability

The optional module **W20s**Link allows interoperability with the Hospital Information System (HIS).

Export formats: PDF, XML, DICOM, CDA/HL7.

Compatible with HL7 spirometry CDA

Integration

The Bluetooth connectivity and portability of the DATOSPIR MICRO allows the spirometer to integrate into external platforms.

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DATOSPIR MICRO · portable spirometer

Technical Specifications

Measurements	153,5 x 80 x 52 mm		
Weight (without battery or accessories)	250 g.		
Connections	USB Standard	Bluetooth Optional	RS232 Optional
Power Supply	1.5V Batteries (alkaline recommended) 1.2 NiMh batteries (>2200mAh recommended)		
Power	Less than 400 mW		
Temperature sensor	Integrated		
Transducer	Turbine		
Measurement Scale (BTPS) Flow Volume	0 to ±16 l/s 0 to 10 l		
Dynamic flow resistance	cmH2O/l/s <0,6 a 14 l/s		
Accuracy of measurement (BTPS) Volume Flow Peakflow Time-related precision	(the highest) 3% or 50 ml 5% or 200 ml/s 10% or 170 ml/s 0,5%		
Resolution in volume	<6 ml		
Sampling frequency	25 Hz		
Turbine lifetime	1400 disinfections or 3 years		

Test and Parameters

FVC/Bronchodilation
VC
MVV
Bronchoconstriction

- FVC
- FEV0.5
- FEV0.75
- FEV1
- FEV0.5/FVC
- FEV0.75/FVC
- FEV1/FVC
- PEF
- FEF25%-75%
- …

More than 40 parameters

Models

	A Cod.02072	**C** Cod.02073
Screen	LCD (2x16)	High resolution graphic touch screen (240x160)
Database	>1000 graph tests Optional	>1000 graph tests Standard
Diagnostic firmware	Optional	Standard
W20s Software	Optional	Standard

Adult and pediatric references

GLI/QUANJER · SEPAR 2013 · ERS · KNUDSON · CRAPO · ZAPLETAL · MORRIS · AUSTRIA · GUTIERREZ · CASTRO - PEREIRA 2002 · POLGAR-WENG HANKINSON-NHANES III · PEREZ-PADILLA · A.J. CRUZ GOLSHAN · GARCIA RIO · CANDELA · PLATINO · THAI 2000 · CASTRO PEREIRA 2007

Standard Accessories

1 Pointer (model C)
1 Disposable cardboard mouthpiece
1 Plastic mouthpiece
1 Nose clip
1 Travel case
1 CD: W20s software (model C)
1 USB cable
2 Alkaline AAA batteries
1 Turbine transducer
1 Diagnosis firmware option (model C)
1 Database firmware option + 1,000 tests (model C)

Optional Accessories

01811	PC Connection - RS232
02474	Bluetooth module
01145	Bluetooth adapter
01739	Charger for Ni-Mh batteries
01682	5-pin mini USB cable
08290	Calibration syringe
02560	Diagnosis firmware option
06994	Database firmware option + 1,000 tests

Consumable

09698	Bacterial filter (100u.)
01555	Cardboard mouthpieces (100u.)
02692	Plastic nose clip (5u.)

CE0318   EN ISO 9001:2015   EN ISO 13485:2016+AC:2018

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