

Sibelmed[®]

SPIROMETER intended for
Primary Care, Occupational Health,
Respiratory Units



SPIROMETER DATOSPIR touch



USB



Bluetooth



HL7 Spain

Creating the future

DATOSPIR TOUCH · desktop spirometer

DATOSPIR touch it is a spirometer that complies with the latest recommendations of ATS / ERS and SEPAR, standards and it incorporates new international references.

DATOSPIR touch combines **Bluetooth** and **USB** connectivity and, at the same time, it allows the choice of 3 transducers:

DISPOSABLE (Lilly), **FLEISCH** and **TURBINE**. - - - - -

DISPOSABLE: Very precise pressure transducer that avoids cross contamination. Without filters or mouthpieces!

FLEISCH: Very precise pressure transducer used in a multitude of pulmonary units.

TURBINE: Turbine transducer.



MENU



PATIENT DATA



MULTIPLE CONFIGURATIONS



QUANJER-GLI REFERENCES



Help on screen



Color touch screen



Spirometry quality control



Internal printer



Adult and pediatric incentives



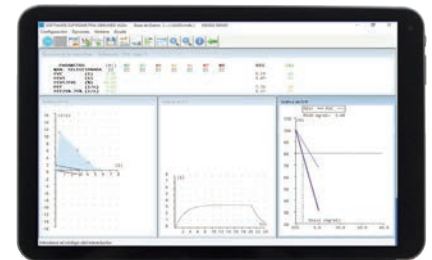
Software included

Software W20s

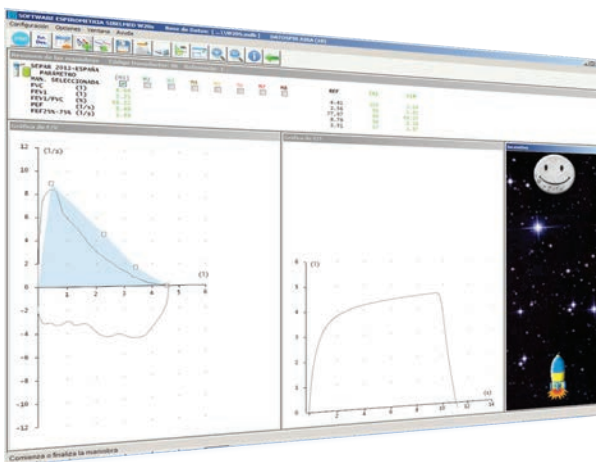
FREE updates

DATOSPIR touch 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.
- Includes the Quanjer 2012-GLI graph on screen and report.
- 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 **W20sLink** allows interoperability with the Hospital Information System (HIS).
Export formats: PDF, XML, DICOM, CDA/HL7.



Compatible with **HL7** spirometry CDA

DATOSPIR TOUCH · desktop spirometer

Technical Specifications

Dimensions	195 x 270 x 100 mm.
Weight (without battery or accessories)	1,25 kg.
Screen	640 x 480 pixels and 5,7 inches
Printer	112 mm thermal and graphic
Rechargeable battery	Ni-Mh 9.6V > 2000 mAh. Autonomy of 1.5h approx
Power supply	100 a 240V, 50 to 60Hz.
Supply	30W
Measurement range (BTPS)	
Flow	0 to ±16 l/s
Volume	0 to 10 l
Dynamic resistance	< 1,47 hPa (1.5 cmH ₂ O) / (l/s) a 14 l/s
Measurement accuracy (BTPS)	(whichever is greater)
Volume	3% or 50 ml
Flow	5% or 200 ml/s
PEF	10% or 170 ml/s
Temporal accuracy	0,50%
Volume resolution	<10 ml
Sample Rate	100Hz

Tests and Parameters

More than 40 parameters

FVC/Broncodilatation
VC
MVV
Bronchoconstriction

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

Transducers



Turbine

Fleisch

Disposable

Models	EASY Primary Care · Occupational Health			DIAGNOSTIC Respiratory Units		
	Turbine Cód.07056	Fleisch Cód.07055	Disposable Cód.07054	Turbine Cód.07059	Fleisch Cód.07058	Disposable Cód.07057
Test	FVC, VC, MVV, Bronchodilation			FVC, VC, MVV, Bronchodilation, Bronchoconstriction		
Weather Station	Temperature			Temperature, Pressure, Humidity.		
Connectivity	USB (PC)			Bluetooth and USB (PC)		
Database	Up to 4.000 tests			Up to 12.000 tests		
Graphics	F/V o V/T			F/V y V/T simultaneous		
Optional	Interoperability HL7 · Pulse oximetry · MIP-MEP · Sniff					

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 Plastic mouthpiece
- 1 Nose clip
- 1 CD software W20s
- 1 User manual
- 1 USB cable (to PC)

Disposable model:

- 1 Bag of disposable transducers (25u.)
- 1 Calibration adapter

Fleisch/Turbine model:

- 1 Bag of cardboard mouthpieces (25u.)

Optional Accessories

- 01149 Pediatric mouthpiece adapter
- 08290 Calibration syringe
- 07283 Carrying bag
- 02634 Thermal Paper (5u.)

Consumable

- 03169 Disposable transducer (50u.)
- 01555 Cardboard mouthpieces (100u.)
- 01569 Plastic mouthpieces (10u.)
- 08268 Bacterial filter (100u.)
- 01149 Pediatric mouthpiece adapter (1u.)
- 02692 Plastic nose clip (5u.)

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Sibel is a member of HL7 Spain



CE0197 EN ISO 13485:2016+AC:2018 EN ISO 9001:2015

