Sibelmed®

SPIROMETER intended for
Primary Care, Occupational Health, Respiratory Units



SPIROMETER DATOSPIR touch

USB

HL7 Spain

CE 0318

www.sibelmed.com

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. It combines Bluetooth® and USB connectivity and allows a choice of 3 transducers:
DISPOSABLE (Lilly), FLEISCH and TURBINE.

DISPOSABLE WITH INTEGRATED FILTER: Very precise pressure transducer that reduces the risk of contamination and cross infection.

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

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DATOSPIR TOUCH · desktop spirometer

Software W20s

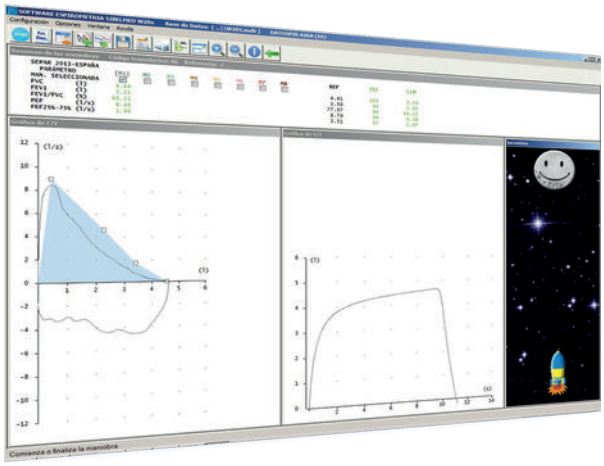
FREE updates

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



Suitable for Windows tablet

- 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 7, 8.1,10 and 11.
- Optional: Weather station (incorporating humidity and pressure for optical spirometry).
- Optional: Pulse oximetry module.



FVC with pediatric incentive



Compatible with 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

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Technical Specifications

Dimensions	195 x 270 x 100 mm.			
Weight (without battery or accessories)	1,25 kg.			
Screen	640 x 480 pixeles 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			
Measurment range (BTPS) Flow Volume	0 to ±16 l/s 0 to 10 l			
Resistance a 14 l/s (cmH_2O / l/s)	Turbine <0,7	Fleisch <1,4	Disposable <1,2	Disposable with filter <1,5
Measurement accuracy (BTPS) Volume Flow PEF	(whichever is greater) 2,5% or 50 ml 3% or 150 ml/s 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
Bronchoconstrition

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

Transducer Modules



Turbine Cód.09890 · Fleisch Cód.09889 · Disposable Cód.09888

Devices

	Primary Care · Occupational Health			Respiratory Units		
	EASY-T Turbine Cód.09879	EASY-F Fleisch Cód.09878	EASY-D Disposable Cód.09877	DIAGNOSTIC-T Turbine Cód.09882	DIAGNOSTIC-F Fleisch Cód.09881	DIAGNOSTIC-D Disposable Cód.09880
Test	FVC, VC, MVV, Bronchodilation			FVC, VC, MVV, Bronchodilation, Bronchoconstriction		
Weather Station	Temperature			Temperature, Pressure, Humidity.		
Connectivity	USB (PC)			Bluetooth® Technology 5.1 Dual-mode Classic (BR/EDR) 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	Module MIP-MEP · Rechargeable battery					

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

1 Nose clip (5u.)
1 Software W20s
1 User manual and quick guide
1 USB cable (to PC)
Disposable Model:
5 Disposable transducers with filter
1 Calibration adapter
Fleisch/Turbine model:
5 Bacterial filters

Optional

01149	Pediatric mouthpiece adapter
08290	Calibration syringe
07283	Carrying bag
02634	Thermal Paper (5u.)
07155	Transducer support

Optional W20s Software

07071	Pulse oximetry module
09581	USB weather station

Consumable

03169	Disposable transducer (50u.)
09698	Bacterial/viral filter (box 100u.)
09718	Disposable transducer with filter (box 100u.)
02692	Plastic nose clip (5u.)
09661	Disposable plastic nose clip (100u.)

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Product compliant with:
Medical Devices Regulation (EU) 2017/745

EN ISO 9001:2015 EN ISO 13485:2016+A11:2021

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