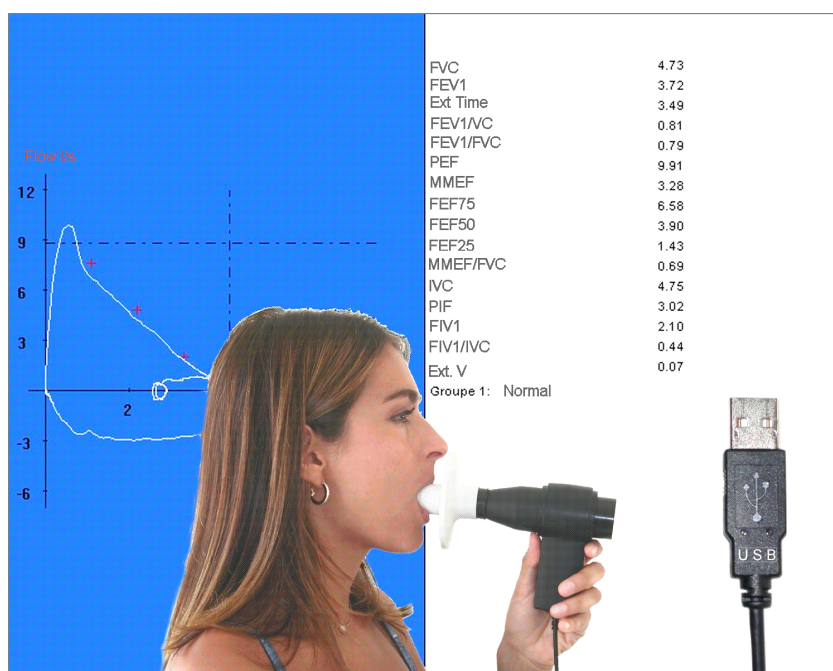


Spirometry



Spirolyser SPL-10 USB

Digital computerized spirometer

Sensor connected to USB port

Supply by USB port

Fleisch type digital sensor

Spirowin software and data base

Tests VC, FVC, MMV, Post-med.

Use

The *Spirolyser SPL-10 USB* is a computerized, digital spirometer which directly connects to the USB port of a P.C.

Continually at the height of innovation, F.I.M. has designed the first spirometer using this port.

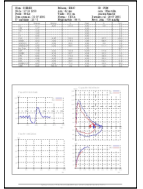
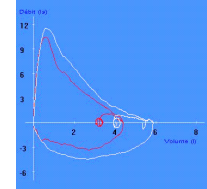
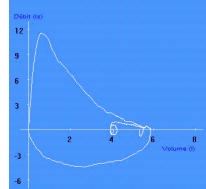
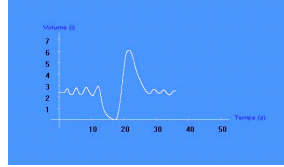
Use of the USB port also eliminates the external power supply box, thus rendering the spirometer less cumbersome; all the more so since today there are many devices connected to P.C.'s .

Spirowin software, supplied as a standard accessory, permits visualization of curves and measurement results on the P.C. screen.

The integrated data base stores these results in order to be read at a later date or for the processing of statistics.

The printer connected to the PC prints the final report on durable paper.

The *Spirolyser SPL-10 USB* uses a digital *Fleisch* type sensor, which, besides ensuring a quality measurement, provides indisputable reproduction of measurements over time.



Ergonomy

The sensor handle is designed to be held firmly, without interfering with the measurement.

Each part of the sensor can be easily dismantled for complete sterilization of parts soiled by expiration.

Used with a bacterial filter, the *Spirolyser sensor* considers hygiene concerns so as to fight against the risks of cross-contamination.



Technique

The measurement procedure is known to all respiratory specialists; in fact, the *Fleisch* type sensor is reputed for its precision as well as for its sharpness of measured results, including those of small flows.

This sensor is perfected by the ATS testing bench, true artificial lung used as an international reference.

Furthermore, it has a very long lifespan as it doesn't use any parts susceptible to wear over time.

The sensor can be sterilized by soaking in an antibacterial liquid.

Calibration is carried out simply by using a calibrating syringe.

Features

Name	<i>Spirolyser SPL-10 USB</i>	Standard Accessories
Sensor	Digital pneumotachograph <i>Fleisch</i> type	Sensor
Flows	- 11 l/s to + 14 l/s	<i>Spirowin</i> software
Volumes	0 to 10 litres	Instructions notice
Resolution	12 bits	1 nose-clip
Precision	<+/- 3%	
Spirowin software	For Windows 95, 98, ME, NT4, 2000,XP	Optional accessories
Correction	BTPS, temperature, Hygrometry, Atmospheric pressure	P.C.
Predictive norms	Eccs, EccsKnudson, Knudson, ITS	Printer
Interpretation	IUMT Grenoble	Calibration syringe
Data base	ODBC driver, .mdb format .	Bacterial filters
Calibration	With 1, 2 or 3 litre syringe as an option	
Tests	Slow vital capacity, forced, minute ventilation , post-medication	
Curves	Vital capacity, Flow/volume loop, volume/time, MMV, post-medication, theoretical curves	
Conformity	CE 0398	
Recommendations	ATS	



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