amplivox

For everyone

Spirolyser Q13®

PC-based spirometer

The Spirolyser Q13® is an essential tool that fulfils all occupational health screening requirements for respiratory care within the workplace.

Operated by PC for complete ease of use, the Spirolyser Q13® is designed to be used with a single-use Qflow disposable sensor mouthpiece (patented technology), ensuring no operator contact.

Software

Supplied with SpiroWin® EXPERT, a user-friendly PC software offering real-time spirometry graphs (volume time and flow/volume) to ensure that lung function tests are completed accurately, and any sub-optimal manoeuvres easily identified.

Test results are held within the software for future review and can be easily exported as a one-click option as a PDF.

The software can also be integrated with a number of Electronic Medical Record (EMR) applications making for a seamless and paper less spirometry programme.

Several visual incentives are also available to maximise test subject effort.

Measurement & interpretation

Easy to review screen displays with user selected display parameters make for a clear, ergonomic test session. Reports can be automatically generated as a summary or complete test report depending upon your requirements.

Portability

Weighing only 250g (0.55lbs), the Spirolyser Q13® fulfils all occupational health screening requirements for portable spirometry equipment.

Hygiene

The Spirolyser Q13® has a patented single-use Qflow sensor mouthpiece, ensuring the operator's hands never come into direct contact with the sensor when handling the device before and after the test session.

This ensures a safe way to complete spirometry whilst providing reassurance to the patient.

Key features
Single-use Qflow sensor mouthpiece
No contact, no risk operation
Supplied with SpiroWin® EXPERT software
Test result trending functionality
Automatic PDF report generation
Cority EMR compatible

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Technical specifications

Flow sensor:	Fleisch type digital pneumotachograph
Flow range:	-14L/s to +14L/s
Volume range:	0L to 10L
Storage temperature:	0 - 50°C
Temperature for use:	17 - 37°C
Atmospheric pressure:	720 - 780 mmHg
Humidity	75% maximum
Altitude for use	< 2000 metres
Reference standards	IEC 60601-1, IEC 60601-1-2, ATS 2005
Medical class	IIa
Software safety class	A
Applied part size	Type BF

Physical data

Power supply:	200mW maximum
Dimensions (L x W x H):	90 x 180 x 60mm
Weight (central unit):	250g (5.5lbs)
PC connectivity:	5VDC (via USB port)
Digital resolution:	15 bits

Measured parameters

VC, FVC, FEV1: <± 3% • PEF: <± 10% • FEF25-75%: <± 5% • MVV: <± 10%

Please note: The Spirolyser Q13® is manufactured by FIM Medical and distributed by Amplivox Ltd.

Standard equipment

- SpiroWin PC software
- Carry case
- Syringe adaptor
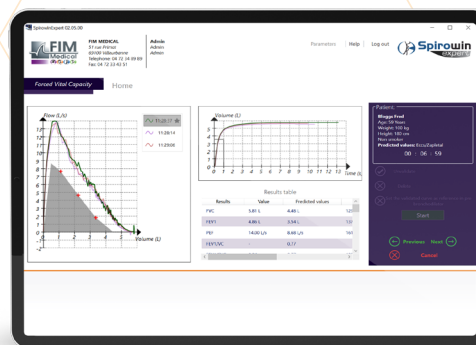- Verification certificate
- User manual (digital format)

Optional equipment

- 3 Litre calibration syringe

Consumables

Qflow Fleisch Sensor mouthpieces
- Box of 200
- Box of 50

Additional information

SpiroWin® EXPERT

SpiroWin® EXPERT is an intuitive and user-friendly software application which allows users to identify a patient with ease, and perform spirometry tests such as Slow Vital Capacity (VC), Forced Vital Capacity (FVC), and Maximum Voluntary Ventilation (MVV).

Additional feature including printing test reports, comparing tests over time and exporting results to PDF - all with the greatest simplicity.

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