SP-100B SPIROMETER with Wi-Fi



Product Code	33554
Unit of sale	1 pc
Minimum order	1
Type	
Class	

UK-REP	Yes
CND	C020501

Description

SP100B TOUCH SCREEN SPIROMETER with printer

Portable device for testing pulmonary function, it adopts differential pressure acquisition principle to measure over 100 parameters related to Forced Vital Capacity (FVC), Ratio (FEV1/FVC)Vital Capacity (VC), Maximal Voluntary Ventilation (MVV) and Minute Ventilation (MV) functions.

Real-time displays respiratory waveform: flow-volume loop and volume-time curve, which is applicable for diagnosis and therapeutic evaluation of lung diseases.

- English firmware and software
- inspiratory and expiratory parameters, real-time curve display
- BTPS correction function measures temperature, humidit and barometric pressure automatically
- calibration control: volume calibration, three flows verification
- display the optimal value from many measurements
- tester condition can be reflected by the ratio of the measured value and the predicted value
- data memory, delete and information review functions
- trend chart display
- prompt functions for over limit of volume and flow
- rechargeable lithium battery, with charging prompt
- built-in multiple predicted values
- support bronchial dilation/provocation test
- pulmonary function assessment
- patient information can be entered, managed and queried
- test report printable by built-in 210 mm thermal printer

Technical Specifications

Display: 10.1" touch screen colour LCD
Display resolution: 1280x800 pixels
Volume range: 0~10 l ± 3% or ± 0.05 l (whichever is greater)
Flow range: 0~16 l/s ± 5% or ± 0.17 l (whichever is greater)
Power supply: DC 14.8 V rechargeable lithium battery or AC 220V 50 Hz
Power consumption: P = 150 V A
Size - weight 340x320xh 86 mm - 4 kg
Safety: Class I, type BF

Standard accessories

Spirometer probe
Recording paper
100 mouthpieces (50 flat and 50 round)
Power cord

Nose clip
User manual: GB, FR, IT, ES