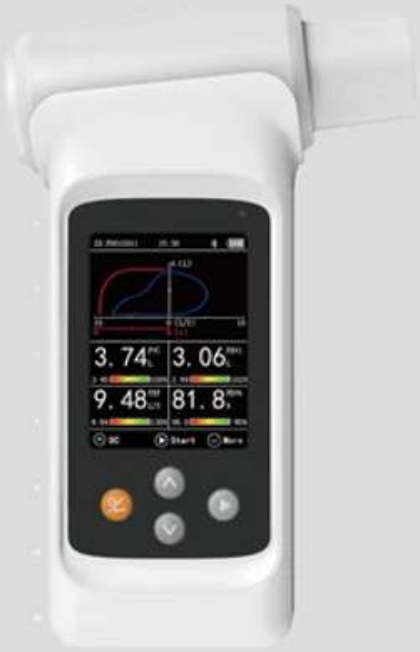
Spirometer

SP90



Liquid crystal display

Lung capacity

The data transfer

Respiratory waveform

Small and light

Bulk storage

The Spirometer is a hand-held device for testing pulmonary function, which can be used to detect the patient' s respiratory function status. The device adopts differential pressure acquisition principle to measure parameters related to FVC, SVC, MVV and MV. It displays measurement results and respiratory waveform by the TFT HD screen, with data upload function, convenient for CLOUD management. It is applicable for diagnosis and therapeutic evaluation of lung diseases (such as asthma, COPD, pulmonary fibrosis and cough, etc.), routine physical examination, etc. It can be used in many scenarios, such as respiratory medicine, thoracic, anesthesiology, surgery, prevention and control institutions of occupational disease, physical examination institutions, etc.

Function

- Measure and display the test items related to FVC, SVC, MVV and MV.
- Display the respiratory waveform measured, use it with the master device to realize real-time test
- With management functions of user information and case data.
- Built-in multiple predicted values, the ratio of the measured value and the predicted value can be displayed.
- BTPS correction function, measure environment parameters automatically.
- Support bronchial test.
- With calibration and verification functions, ensure the test accuracy.
- Data transmission: Bluetooth, USB data cable.
- One-button test function.
- Rechargeable lithium battery, battery power indication.

Performance

- Volume range: 0 ~ 10 L
- Flow range: ± 16 L/s
- Volume accuracy: ± 3 % or ± 0.05 L (whichever is greater)
- Flow accuracy: ± 5 % or ± 0.17 L /s (whichever is greater)

Accessories

- A User Manual
- A nose clip
- Mouthpiece
- A USB data cable
- A power adapter (optional)
- PC software

Physical characteristic

- Dimension: 143 mm (L) × 64 mm (W) × 41 mm (H)
- Weight: 220 g