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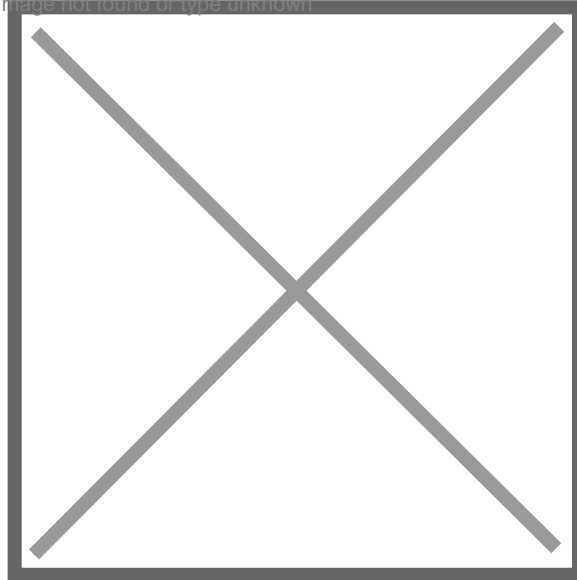
**Product Name :**

Pulmonary Lung Function Tests Analyzer /  
Spirometer

**Product Code :**

SCL280 /045

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## Description :

### DESCRIPTION :-

- Spirometer is a portable lung function testing device, which mainly used to examine lung function related parameters for patients.
- It can be applied to various environments such as in hospitals, clinics, etc.
- And it is also suitable for communities, schools, factories and other places to conduct epidemiological investigation, health examination, occupational disease screenings.

### Functions :-

- Measurement of Forced Vital Capacity (FVC), Vital Capacity (VC/SVC), maximum voluntary ventilation (MVV) and relevant functions, more than 30 parameters can be measured and displayed; for several times of measurement, the optimal result will be displayed.
- The condition of subject can be shown by the ratio of the measured value and the predicted value.
- Measurement parameters: Forced Vital Capacity (FVC): FVC, FEV1, PEF, (FEV1/FVC), FEF25, FEF50, FEF75, FEF2575, FEV1/VC, FEV6, FEV1/FEV6, ELA, FET, EVOL, FIVC, FIV1, FIV1/FIVC, PIF, MVV Vital Capacity (VC/SVC): VC, IC, ERV, IRV, EVC, IVC, TV, VE, RR, tI, tE, TV/tI, tI/tot Maximum Ventilatory Volume (MVV): MVV
- Real-time display respiration waveform: Flow-Volume loop and Volume-Time curve chart
- 7" color LCD touch screen, buttons can be operated along with touch screen
- Incentive animation operation guide, easy for the use between children and the old
- Built-in thermal printer, reports can be printed directly; BTPS automatic correction function, compensate for the impact of environmental differences
- Test time and environment temperature display
- Calibration function, ensure measurement accuracy
- Multiple predicted value can be selected, suitable for different population
- Storage of more than 10,000 groups of data
- Lung age estimation function
- Built-in lithium battery, supports both of AC and DC