Email : sales@scilabexport.com
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Product Name :

Pulmonary Lung Function Tests Analyzer / Spirometer

Product Code :

SCL-MED-4167

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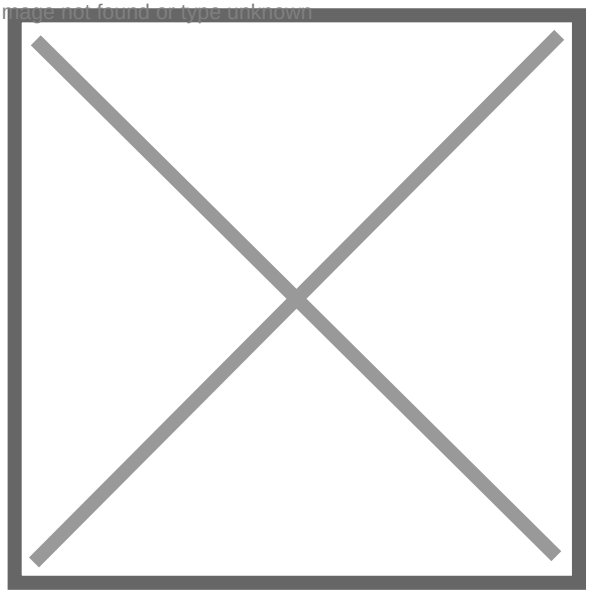

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Description :

Pulmonary Lung Function Tests Analyzer / Spirometer (Product Code: SCL-MED-4167) is a portable digital spirometer used to measure lung function parameters in hospitals, clinics and health-screening programmes. It measures FVC, VC/SVC and MVV with more than 30 parameters, shows flow-volume and volume-time curves on a 7-inch colour touch screen and prints results on its built-in thermal printer. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Portable lung function testing device (spirometer)
Test modes	Forced Vital Capacity (FVC), Vital Capacity (VC/SVC), Maximum Voluntary Ventilation (MVV)
Parameters	More than 30 measured and displayed
FVC parameters	FVC, FEV1, PEF, FEV1/FVC, FEF25, FEF50, FEF75, FEF2575, FEV1/VC, FEV6, FEV1/FEV6, ELA, FET, EVOL, FIVC, FIV1, FIV1/FIVC, PIF, MVV
VC/SVC parameters	VC, IC, ERV, IRV, EVC, IVC, TV, VE, RR, tI, tE, TV/tI, tI/ttot
MVV parameter	MVV
Results	Optimal result of repeated tests displayed; measured-to-predicted ratio shown
Graphs	Real-time flow-volume loop and volume-time curve
Display	7-inch colour LCD touch screen, with buttons
Guidance	Incentive animation to guide children and older people
Printer	Built-in thermal printer
Correction	Automatic BTPS correction for environmental differences
Also displays	Test time and ambient temperature
Calibration	Calibration function built in
Predicted values	Multiple predicted-value sets selectable for different populations
Memory	More than 10,000 groups of data
Other functions	Lung age estimation
Power	Built-in lithium battery; AC and DC operation
Tests	FVC/VC/MVV and pre/post tests
Accessories	Compatible flow sensor, mouthpieces and filters
Soft	
Fea	
Pro	