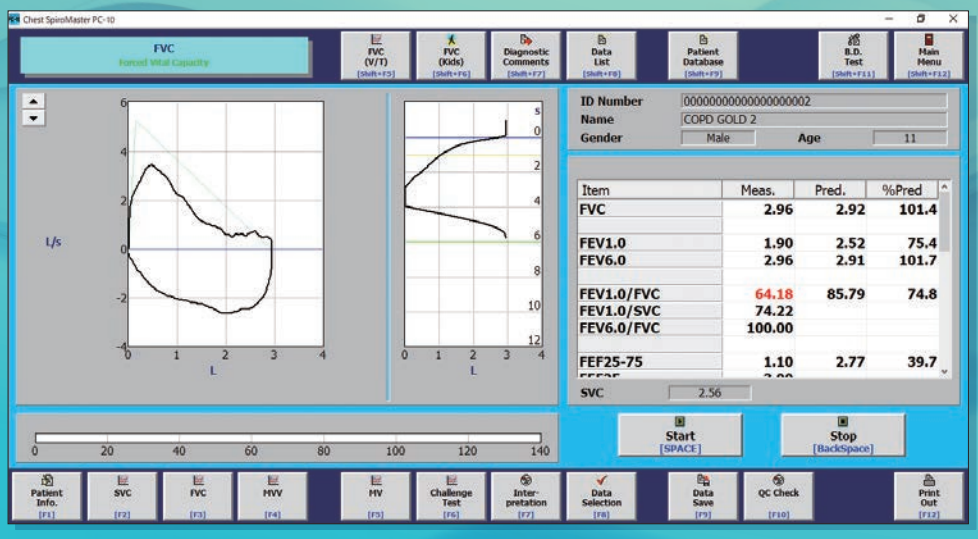
CHEST

SpiroMaster PC-10

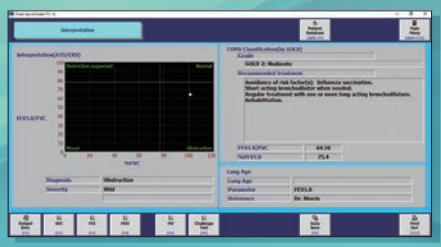
Turn your PC into a Spirometer

Quick, Simple, and Easy Testing!

- ✓ Trend analysis of patient Spirometry results
- ✓ Pediatric incentive animation
- ✓ Lung age estimation supported
- ✓ BD (Bronchodilator) test and Methacholine Challenge test
- ✓ Automatic COPD interpretation
- ✓ Compatible with Windows OS



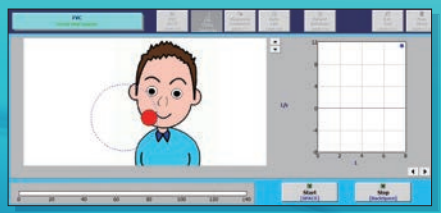
▲ FVC



▲ Interpretation

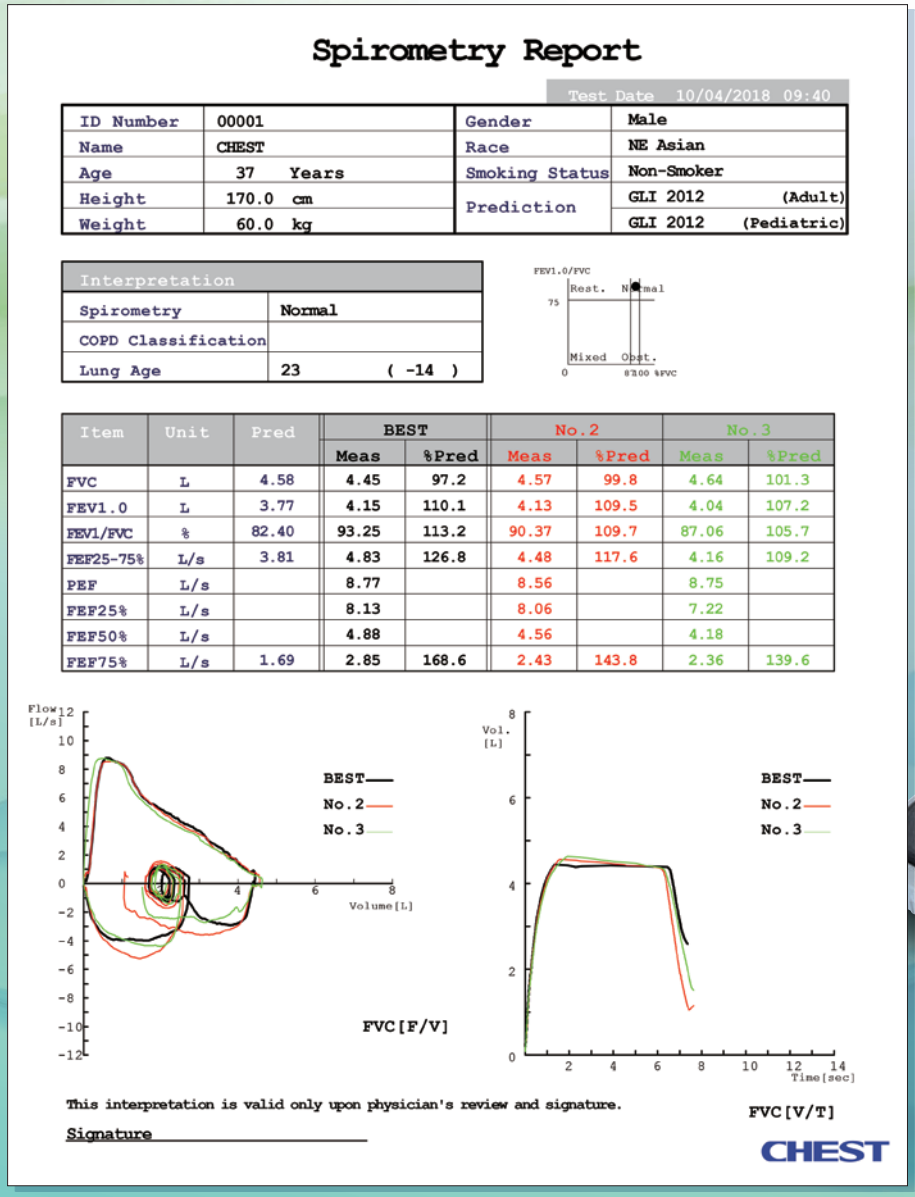
▲ Main menu

SpiroMaster PC-10 is a new type of PC-based Spirometer from CHEST that plugs directly into the USB port of your PC. Performing Spirometry tests with SpiroMaster PC-10 is easy and fast thanks to its simple and user-friendly software, yet its powerful algorithm automatically elaborates results and provides comprehensive interpretations. Long term trending graph, incentive animations for pediatric patients, and lung age calculation are also featured.



▲ Pediatric incentive animations

CHEST



Spirometry Report

Test Date 10/04/2018 09:40

ID Number	00001	Gender	Male
Name	CHEST	Race	NE Asian
Age	37 Years	Smoking Status	Non-Smoker
Height	170.0 cm	Prediction	GLI 2012 (Adult)
Weight	60.0 kg		GLI 2012 (Pediatric)

Interpretation	
Spirometry	Normal
COPD Classification	
Lung Age	23 (-14)

FEV1.0/FVC
Rest. Normal
75
Mixed Obst.
0 %100 %FVC

Item	Unit	Pred	BEST		No.2		No.3	
			Meas	%Pred	Meas	%Pred	Meas	%Pred
FVC	L	4.58	4.45	97.2	4.57	99.8	4.64	101.3
FEV1.0	L	3.77	4.15	110.1	4.13	109.5	4.04	107.2
FEV1/FVC	%	82.40	93.25	113.2	90.37	109.7	87.06	105.7
FEF25-75%	L/s	3.81	4.83	126.8	4.48	117.6	4.16	109.2
PEF	L/s		8.77		8.56		8.75	
FEF25%	L/s		8.13		8.06		7.22	
FEF50%	L/s		4.88		4.56		4.18	
FEF75%	L/s	1.69	2.85	168.6	2.43	143.8	2.36	139.6

This interpretation is valid only upon physician's review and signature.

Signature

CHEST

▲ Print out sample

▲ Image of carrying case

Specifications

Flow detection	Lilly type pneumotach sensor (Bi-directional)
Flow range	+/–0.05 to +/–14L/S
Flow resolution	0.01L/S
Volume detection	Flow integration
Volume range	+/0.01 to +/–10.0L
Volume resolution	0.01L
Volume accuracy	+/–3% or 0.05L, whichever is greater (ATS)
Power requirement	Computer USB port
Dimensions	74.8 (W) x 87.7 (D) x 223 (H) mm (Flow Sensor unit)
Weight	250g (Flow Sensor unit)
Minimum system Requirements	Microsoft Windows® based PC with USB port CD-Rom drive
Quality assurance	ISO 13485, CE Marking

Analyzed items

SVC	SVC, IC, TV, ERV, IRV, SVC/HT, (BD Test)
FVC	FVC, FEV0.5, FEV1.0, FEV3.0, FEV6.0, FEV0.5/FVC, FEV1/FVC, FEV1/SVC, FEV3.0/FVC, FEV6.0/FVC, FEV1/SVCpr, MMEF, PEF, FEF25, FEF50, FEF75, MMEF/FVC, FEF90, FEF50/FEF75, PEF/HT, FEF75-85, FEF200-1200, MTC75-50, MTC50-25, MTC25-RV, MTCR, OI, ATI, PEF TIME, FET, ExtrapV, ExtrapV%, FIVC, FIV0.5, FIV1.0, FIV1/FVC, FIV1/FIVC, PIF, FIF50, FEF50/FIF50, FIF50/FEF50, MVV43, FVC+FEV1, (BD Test, Challenge test)
MVV	MVV, TV, RR, MVV/BSA, AVI, (BD Test)
MV	MV, TV, RR, BR, VR, (BD Test)

Standard Accessories

- Flow sensor body ... 1pc
- Flow sensor head ... 1pc
- PC Software (CD Rom) 1pc
- Nose clip.....2pcs
- Spiro-Filter..... 1pc
- Paper mouthpiece.....6pcs
- Carrying case..... 1pc
- Operation manual.....PDF

CE 0123

Specifications are subject to change without notice.

CHEST CHEST M.I.,INC.
3-25-11 Hongo Bunkyo-ku, Tokyo 113-0033, Japan
Phone : +81-3-5804-5031 Fax : +81-3-3812-7284
http://www.chest-mi.co.jp

DISTRIBUTED BY :