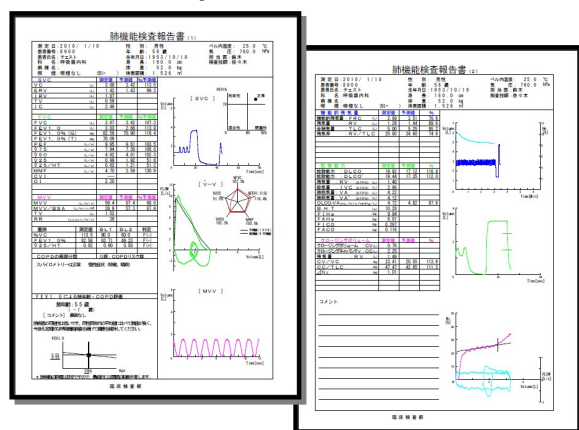


SPECIFICATIONS for CHESTAC-8900 (D-type)

SPECIFICATIONS		STANDARD ACCESSORIES
Product Type	: Closed Circuit Pulmonary Function Test	Breathing tube : 4 pcs
Volume Detector	: Rolling seal type spirometer	3-way cock : 1 pc
Volume Range	: 0 ~ 10 L	Remote switch : 1 pc
Flow Detection	: Volume differential method	Paper mouthpiece (100pcs/box) : 1 box
Flow Range	: 0 ~ +/- 14 L/s	Silicon mouthpiece : 4 pcs
Frequency	: 0 ~ 10 Hz	Spiro filter (Standard, Mouthpiece type) : 3 pcs each
Accuracy	: Within +/-2% or +/-50ml, whichever is greater	Nose clip : 2 pcs
Gas Control	: Automated computer control	CO2 Absorbents (1L) : 2 pcs
Gas Ejection	: Automated washout	Silica gel (500g) : 1 pc
Gas Meter Calibration	: Automated calibration	
Flow Sensor Calibration	: Not required	
PC	: Windows PC	
Printer	: Inkjet color printer	
Data transmission	: RS-232C	
FRC test	: Helium dilution method	
Co Analyzer	: Electrochemical cell method	
	Range: 0 ~ 0.33%	
	Response: 30 sec.	
He Analyzer	: Thermal conductivity type catharometer	
	Range: 0 ~ 10%	
	Response: 10 sec.	
Power Supply	: AC 220V or 110V, 50/60 Hz	
Power Consumption	: Approx. 550VA(main unit)	
Dimensions	: 770(W) x 690(D) x 800(H) mm	
Weight	: Approx. 110kg	
		ANALYZED ITEMS
		VC, FVC, FV, MVV, MV, BD TEST, BMR,
		FRC (Multiple Breath Helium Dilution)
		DLCO (Single Breath Krogh Technique)



Printout sample



Spiro-Filter designed to fit on CHESTAC-8900

All specifications subject to change without notice

MANUFACTURED BY

CHEST M.I.,INC.

3-25-11 Hongo Bunkyo-ku Tokyo, 113-0033 JAPAN
Telephone : (03) 5804-5031 Fax : (03) 3812-7220

DISTRIBUTED BY:



CHESTAC-8900

COMPREHENSIVE PULMONARY FUNCTION TEST LAB



Highly Accurate and Reproducible Volume type Spirometer

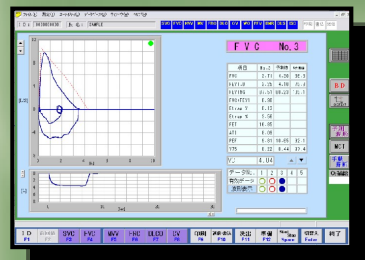


Reliability and Accomplishment Since 1965... Here comes *ALL NEW CHESTAC!*

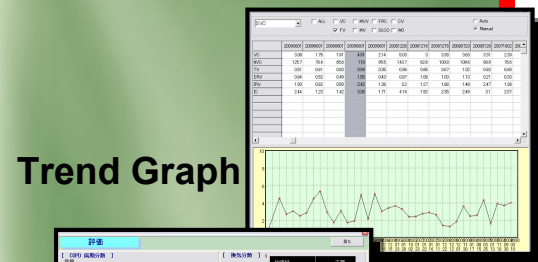
The CHESTAC-8900 is a fully automated pulmonary testing system for Spirometry, FRC, and DLCO (Type D), + CV and N2WO (Type DN), featuring reliable and time proven dry rolling seal spirometer, a volumetric spirometer which offers you the highest level of measurement accuracy. It assists operator with guiding messages in evaluating patient performance, reproducibility of test result, and generating the report, which makes all test procedures simpler and faster.

Use-friendly software

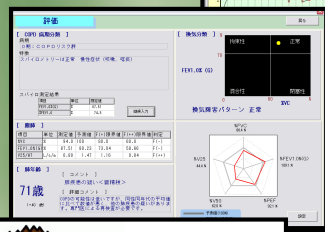
Printout format, analysis items, predicted formula and data-transmission items can be selected and set to intended use. The software also includes 3 test result memory with waveform for comparison and BD testing. All test maneuvers and performances are based upon the recommendations by American Thoracic Society.



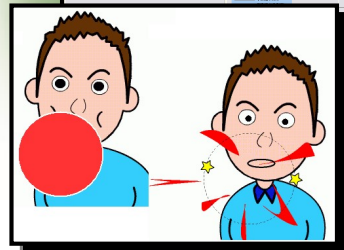
FVC Test Screen



Trend Graph



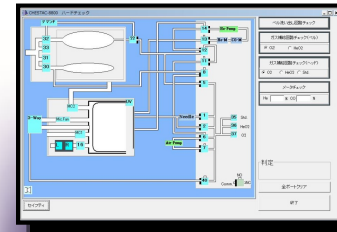
Computer Diagnostic Screen



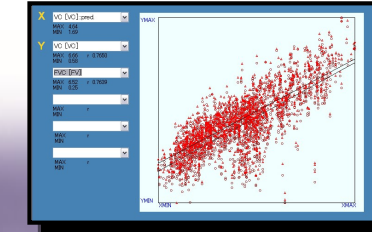
Incentive Screen for Children



Abundant Utility software



Auto Hardware Check



Statistical Analysis

Accuracy	Date	Operator
99.9%	2008-10-10	Y. YAMAMOTO
99.8%	2008-10-11	Y. YAMAMOTO
99.7%	2008-10-12	Y. YAMAMOTO
99.6%	2008-10-13	Y. YAMAMOTO
99.5%	2008-10-14	Y. YAMAMOTO
99.4%	2008-10-15	Y. YAMAMOTO
99.3%	2008-10-16	Y. YAMAMOTO
99.2%	2008-10-17	Y. YAMAMOTO
99.1%	2008-10-18	Y. YAMAMOTO
99.0%	2008-10-19	Y. YAMAMOTO

Accuracy Management

Adopted the reliable rolling seal type spirometer

Our spirometer has received good reputation as a reliable mechanics for detection of volume with enough experience and of first-class capability. The inside can be cleaned and sterilized very easily. Ultraviolet-lamp and inner gas washout function are installed, which keeps the device very sanitary. Because of the fixed excursion volume displacement ratio, there is no need for recalibration on site.



VOLUMETRIC SPIROMETER
requires NO CALIBRATION

Easy Cleanliness and Sterilization to Reduce the risk of Patient Cross Contamination



Washable Test Balloons



Detachable 3 way cock for sterilization



UV lamp for Sterilization, equipped in the Spirometer Bell

