SPIROCHECK

SP - 831

PULMONARY FUNCTION RECORDER
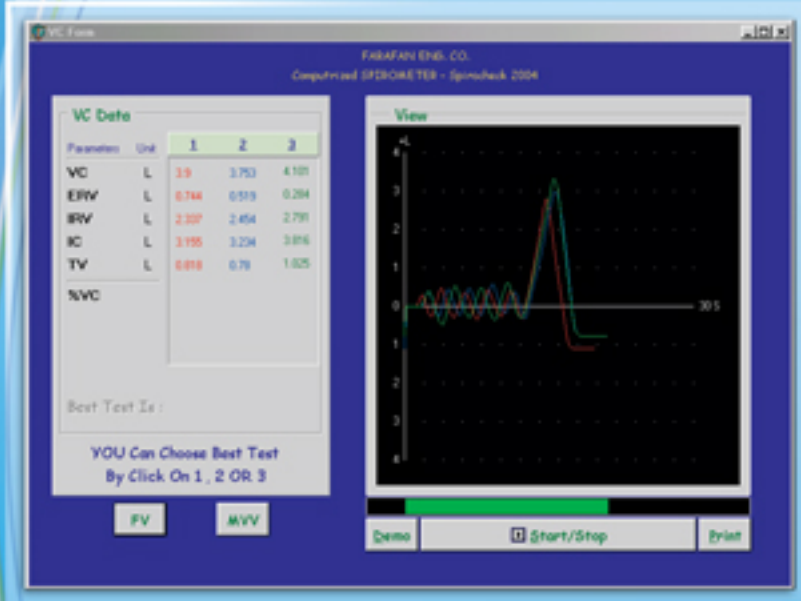
FV Data

Parameters	Unit	1	2	3
PEF	L/S	9.76	11.00	9.562
FEF25%	L/S	9.76	11.00	9.562
FEF50%	L/S	4.744	6.097	3.629
FEF75%	L/S	1.806	2.252	1.563
PIF	L/S	4.40	6.445	4.445
PIF50%	L/S	4.34	3.682	4.445
FEF/FIF50%		109.31	165.59	81.64

Best Test Is :

You Can Choose Best Test
By Click On 1 , 2 OR 3

[VC] [MVV] [FVC]

[Demo] [▶ Start/Stop] [Print]
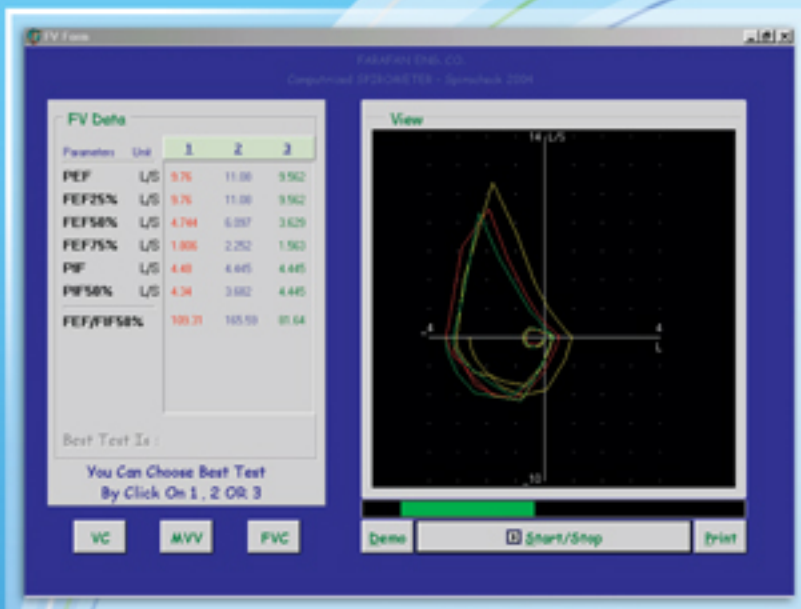
Interpretations:

1- Normal
2- Obstructive : Mild, Moderate, Severe
and Very Severe
3- Restrictive :Mild, Mod erate, And Severe
4- Combined

VC Data

Parameters	Unit	1	2	3
VC	L	3.9	3.753	4.101
ERV	L	0.744	0.519	0.284
IRV	L	2.307	2.454	2.791
IC	L	3.155	3.234	3.016
TV	L	0.818	0.78	1.025
%VC				

Best Test Is :

YOU Can Choose Best Test
By Click On 1 , 2 OR 3

[FV] [MVV]

[Demo] [▶ Start/Stop] [Print]

Measured Parameters:

1-VC Test :
   VC, ERV, IRV, IC, TV
2-FV & FVC Tests :
   FVC, FEV0.5, FEV1, FEV3
   FEV1/FVC%, FEV1/VC%, FEV3/ FVC%,
   FEV3/VC%
   FIVC, FIV0.5, FEV0.5, FIV0.5
   PEF, FEF25%, FEF50%, FEF75%
   PIF, FIF50%, FEF50/FI50
   FEF0.2-1.2, FEF25-75%, FEF75-85%
3-MVV Tests:
   MVV, R, TV

- The Spirocheck SP-831 is a versatile spirometer combinig a sensitive and rugged differential-pressure flow sensor with advanced electronics in a pc-based design.
- User friendly windows environment provides easy operation.
- Real time display of respiratory patterns on display for instant verification.
- Guides the user how to carry out the test correctly.
- Multiple test results are overlaid in different colors for comparison and choosing the best, manually or automatically by the computer.
- Immediate selection, calculation and interpretation of spirometry results.
- No recalibration required due to use of highly reliable sensor.
- Pre/Post bronchodilator test.
- Up to 30 spirometry indices in the areas of Vital Capcity, Flow-Volume, and Maximum Voluntary Vantilation may be meaured. Open and closed loop tests and overlaying of the test results are possible. SP-831 is capable of selecting the best result, comparing the result with any of ITS, ECCS and IRAN standards (Possibility of selection)printing the results in color.