

Full Function, Low Cost Hand-Held Spirometer

The Micro Spirometer is specifically designed for situations where low cost, precision spirometry measurements are required. The Micro Spirometer is extremely lightweight and portable making it suitable for physician office, hospital outreach clinics, bedside screening and health fair screenings. The Micro Spirometer features a large color touch screen display that is icon driven. Ease of use and functionality are combined in this low cost spirometer and is the ideal option for fast, accurate testing in environments where mobility matters.

The Micro Spirometer is supplied with Device Studio. A PC software for producing instant printouts of tests results or for creating editable PDF reports for printing, filing or uploading to your EMR System.



Features

- Accurate, Stable Fleisch Pneumotach
- Displays Eight Parameters out of 48 Available
- Post Bronchodilator Comparison
- 325 Patient Entries with Corresponding Session Data
- Uses 4 Non-Rechargeable AAA Batteries or USB Connection to PC
- Colored LCD Touchscreen for simple and intuitive operation
- Choice of NHANES or GLI Predicted Equations
- Includes Device Studio for Printing and Editable PDF Creation
- Quick and Easy Calibration Verification Routine Ensures Accurate Results
- 5-Year Warranty with Product Registration
- MD Order Number: MD6300

Sample Printout



Spirometry Results

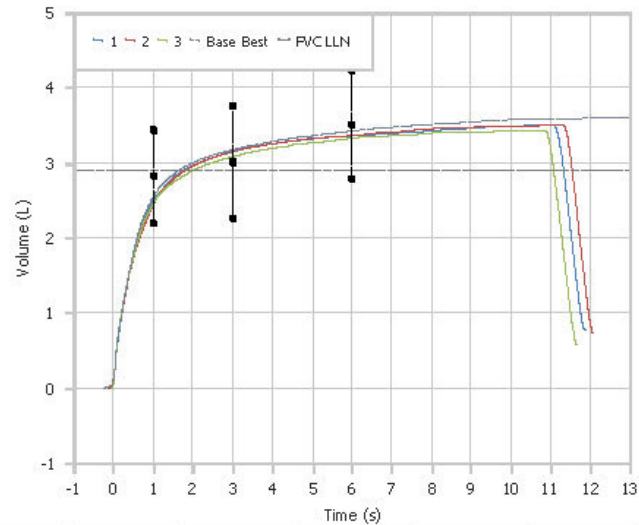
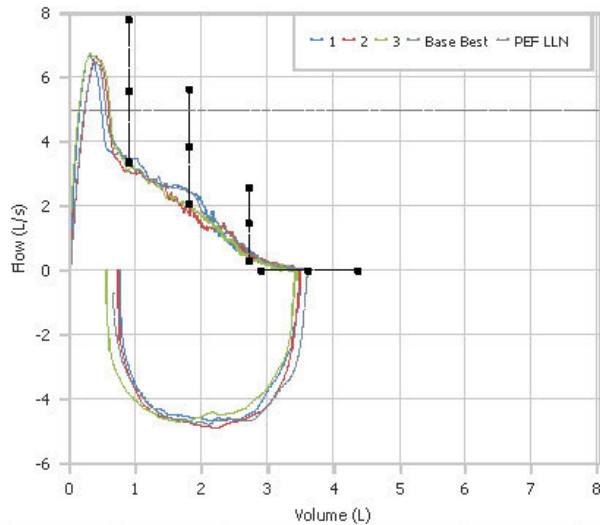
POST Report

Test date: 27-Sep-2022 11:46:48

Patient
MV15076_20220927114431

Betty Smith

Sex at Birth	Female	BMI	24.7	Session Grades	FVC A; FEV1 A
Age	56.76	Predicted Set	EIGEN_WangC_NHANESC	Device Name	Vitalograph Micro
Date of Birth	12/23/65	Correction factor	1	Device Serial	MV15076
Population	Caucasian	Ambient Temperature	73.40 C	Accuracy	08/24/22
Weight	153 lb	Posture	Sitting		
Height	66 in	Number of Tests	3		



Parameter	Best	Pred	LLN	% Pred	Base-Best	Change	% Change	Best 1 11:47:56	Best 2 11:47:19	Best 3 11:46:48
FVC (L)	3.51	3.63	2.90	97	3.61	-0.10	-3	3.51	3.50	3.43
FEV1 (L)	2.49	2.83	2.21	88	2.57	-0.08	-3	2.49	2.44	2.45
PEF (L/min)	404	406	298	100	397	7	2	402	400	404
FEF25-75 (L/s)	1.70	2.62	1.32	65	1.74	-0.04	-2	1.70	1.68	1.73
FIVC (L)	2.86	3.63	2.90	79	2.94	-0.08	-3	2.73	2.76	2.86
FET (s)	11.08	-	-	-	13.54	-2.46	-18	11.08	11.29	10.87
FEV1/FVC	0.71	0.79	0.69	90	0.71	0.00	0	0.71	0.70	0.71
FIV1 (L)	-	-	-	-	-	-	-	-	-	-

Values at BTPS

Session Quality and Repeatability			
FVC Rep:	FEV1 Rep:	FVC Grade	FEV1 Grade
0.01L (0.00%)	0.05L (2.00%)	A	A
Blows:	3		

Interpretations	
Interpretations	Computer interpretations cannot be relied upon for diagnosis. Normal.
Estimated Lung age	58

Session Notes
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Subject Notes
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