

Direct

High Quality Spirometry

on the move

Performing spirometry tests, in any environment, could not be easier than with the new Micro Direct **In2itive** spirometer.

Simply enter the patient's details on the color touch-screen display, select FVC or VC and begin the test series.

Test information is presented in an easy to read format on a clear, bright color display. The best test is automatically selected and built-in quality control checks insure accurate results.

Test data along with the diagnostic interpretation and estimated lung age can be instantly downloaded to the included Spirotrac PC software for permanent storage and trend analysis or printed via an external printer using the optional direct print cradle.

The **In2itive** features a highly accurate Fleisch pneumotach flow measuring system, battery operated portability and is shipped complete with all necessary accessories. The easy to use and affordable **In2itive** spirometer provides a fast, accurate and cost effective spirometry solution.

**Features**

- Rapid, low cost testing
- Robust Fleisch pneumotach
- Color high resolution touch-screen
- 8 1/2" x 11" printout via USB printer or PC
- Rechargeable battery pack
- Real-time FV or V/T curves
- Choice of child incentives
- Simple icon driven menus
- On-screen test quality prompts
- Pre/Post bronchodilator comparison
- Includes Spirotrac PC software
- 1-year warranty. Optional 5-year available

Micro Direct, Inc.

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www.micro-direct.com

Technical Specifications:

Product: Micro Direct In2itive

Model Number: MD7900

Subjects: Automatic population of database from Spirotrac. Name, ID, Age, Height, Gender, Smoking Status, Body Mass Index and more depending on model. Storage of up to 10,000 subjects

Environmental Data: Temperature

Test Types: Single breath tests, flow/volume loops, multi-breath testing, tidal breathing and combined VC/FVC type test methods supported

Parameters Measured (depending on model): VC, IVC, IC, VT (TV), TLC, RV, IRV, ERV, FRC, FVC, FIVC, FEV₁, FEV₃, FEV₆, FEV₇/VC, FEV₁/FVC, FEV₃/VC, FEV₃/FVC, FEV₁/FEV₆, FEF₇₅, FEF₅₀, FEF₂₅, FEF₂₅₋₇₅, FEF₂₅₋₇₅/FVC, FIV₁, PIF, FIV₁/FVC, FIF₂₅, FIF₅₀, FIF₇₅, FEF₅₀/FIF₅₀, FET, MVV_{ind}, FEV₁ Ratio, FEV_{0.5}, PEF L/min, PEF L/sec, FEF_{0.2-1.2}, FEF_{75-85%}, FEF_{25%}, FEF_{50%}, FEF_{75%}, FMFT, FIF_{25%}, FIF_{50%}, FIF_{75%}, PIF, FEV_{0.75}, Lung Age and more

Predicted Normals: NHANES III, Polgar, Knudson, Crapo, Hsu and many more

Suggested Interpretation: User Selectable

Flow Technology: Fleisch Pneumotachograph

Resolution: 10 mL volume; 0.01 L/s flow

Data Storage: Stores up to 10,000 subjects and hundreds of test sessions

Accuracy when in Operating Range:

Volumes: Better than +/- 3% (0 - 10 L)

Flows: Better than +/- 10% (0.02 - 16 L/sec)

Linearity: +/- 5% in range 0.1 to 16 L/s

PowerSAFE™:

Input 100 - 240V AC 50-60Hz

Output - 5V DC

Battery Pack: Rechargeable Lithium Polymer

Dimensions: 6 1/4" x 4" x 1 3/4" with flowhead attached

Weight: 8 ounces net

Weight and Dimensions (Packed):
3 pounds 5 ounces
8 1/2" x 4" x 6 1/4"

Storage Humidity: 10% to 95%

Storage Temperature: 32-122°F

Recommended Operating Range:
63-98°F; Design Limits: 50 - 104°F

Ambient Humidity: 0% to 99%

Connectivity: USB 2

Max Test Duration: 20 sec. FVC; 30 sec. VC

Performance Standards: ATS/ERS 2005

Safety Standards: IEC 60601-1:2005

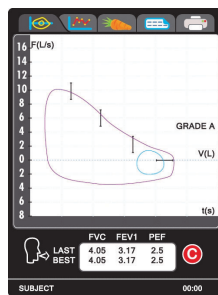
Medical Safety Standards:
Medical Devices Directive 2007/47/EC

Designed & Manufactured Under:
ISO 13485:2003, FDA 21CFR820
CMDR & JPAL

Ordering Info:

Catalog #:

MD7900	Micro Direct In2itive
79168	Direct Print Cradle (Optional)
3385	SpiroSafe Filters (Bag of 100)
3395	MicroCheck Mouthpieces (Box of 200)
3314SB	Cardboard Mouthpieces (Box of 200)
3314B5	Cardboard Mouthpieces (Box of 500)
PSA1100	Pediatric Adapter
3301	Pediatric Mouthpieces (Bag of 100)
3304	Nose Clips (Bag of 20)
3325	3L Calibration Syringe



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