

# ML3500 M8 MicroLab Spirometer

Available for hire or purchase for your clinical trial.



## Overview

This MicroLab ML3500 M8 spirometer is the new generation of spirometer and is the most advanced yet. It is highly portable and beautifully designed.

It features a high-resolution colour touch screen for fast data entry, and a fast integrated printer with an easy load paper mechanism. The printout can be fully customised.

With a large 2,000 patient test memory, high reliability and accuracy, this spirometer is suitable for use in a wide variety of situations.

## Operating Features

- High definition colour touch-screen
- Simple screen icon interface using stylus or mouse
- Fast on-screen textual entry
- Fast, quiet printer with easy load paper mechanism
- Fully customisable printout format
- Direct connection to external HP printers
- Unique contextual help screens (language selectable) with dedicated help button
- 41 inspiratory and expiratory indices measurable
- On-screen graphical child incentive device
- Large 2,000 patient test memory
- Optional Spida 5 or SpidaXpert PC software
- Internationally recognised on-screen test quality assurance prompts (e.g. slow start, abrupt end etc)
- Unique 'today's testing feature'
- Numerous predicted values and languages selectable
- 'Lung Age' assessment and textual result interpretation
- Body Mass Index and Dyspnoea Score
- Bronchodilator and/or Steroid assessment
- Complete with all accessories in a sturdy carry case

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## Specification

Measurements: VC, FEV.75, FEV1, FEV3, FEV6, FVC, PEF, FEV.75/VC, FEV.75/FVC, FEV1/VC, FEV1/FVC (FER), FEV3/VC, FEV3/FVC, FEV.75/FEV6, FEV1/FEV6, FEF25 (MEF75), FEF50 (MEF50), FEF75 (MEF25), FEF25-75 (MMEF), FEF50/VC, FEF50/FVC, MMEF/FVC (FEF25-75/FVC), FIV1, FIVC, PIF, FIV1/FIVC (FIR), FIF25 (MIF75), FIF50 (MIF50), FIF75 (MIF25), R50, (FEF50/FIF50), MET25-75, FET, Mv (ind)

- Test Per Subject: 5 relaxed VC manoeuvres, 8 forced manoeuvres for each baseline and two post examinations
- Predicted Values: various dependant on national preference (including NHANESIII)
- Transducer: Gold Standard Bi-Directional Digital Volume
- Resolution: 10ml volume 0.03l/s flow
- Accuracy:  $\pm$  3% (to ATS recommendations)
- Internal Printer: 13mm/s (avg)
- Power Supply: input: 100-240V AC 50-60Hz output: 12V 2.5A
- Battery Pack: rechargeable NiMH 8.4V 1Ah
- Weight: 630g (excluding any transducers)
- Dimensions: 120h x 255w x 35d mm (transducer 60h x 90w x 50d mm)



**Please contact us for a quotation for the hire or purchase of this product**

Product description: ML3500 M8 MicroLab Spirometer

Product Code:

Product specifications can be subject to change without prior notice.

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