

ML3500 M8 MicroLab Spirometer

Available for hire or purchase for your clinical trial.



Overview

This MicroLab spirometer is developed specifically for the professional; it employs a precision Gold Standard Digital Volume Transducer which is especially suited to measuring very low flow rates in patients with COPD.

The unit is highly portable and lightweight, and is ideal for use in a wide variety of situations.

With an in-built printer and high resolution LCD display it is the ideal, cost-effective solution to your spirometry requirements.

Operating Features

- High definition screen can display both Volume/Time and complete Flow/Volume Loops (using either the open or closed loop test techniques)
- Measures up to 36 spirometry parameters
- Storage: 1000 patient tests
- Integrated high resolution printer
- Text entry, enabling comment writing
- Internationally recognised on-screen test quality assurance prompts
- Predicted value and language selection
- Fully customisable printout format
- Lung age assessment and textual result interpretation
- A comprehensive range of advanced features normally only seen on more expensive laboratory based equipment are included
- An ergonomically designed unit of distinctive appearance, this spirometer is portable and lightweight
- Rechargeable internal batteries

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

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Specification

Measurements: VC, FEV0.75, FEV1, FEV3, FEV6, FVC, PEF FEV0.75/VC, FEV0.75/FVC, FEV1/VC, FEV1/FVC, FEV3/VC, FEV3/FVC, FEV0.75/FEV6, FEV1/FEV6, MEF75, MEF50, MEF25, MEF25-75, FEF50/VC, FEF50FVC, MVWind, FET, MET, IC, FIV1, FIVC, PIF, FIV1,/FIVC, FIF25, FIF50, FIF75, FIF50/MEF50,VT, ERV,

IRV [all expiratory measurements with baseline, post bronchodilator 1 and 2, % predicted, % change and normal range]

- Test Per Subject: VC-unlimited (best reported) FVC-unlimited (best 3 from baseline, post 1 and post 2 tests)
- Predicted Values: various dependant on national preference
- Transducer: Gold Standard Bi-Directional Digital Volume
- Resolution: 10ml volume 0.03l/s flow
- Accuracy: $\pm 3\%$ (to ATS recommendations)
- Display: high resolution graphic LCD 240 x 160 px
- Power Supply: 100 - 240V, 50/60 Hz, output 9V 1.12A
- Weight: 0.75kg
- Dimensions: 40h x 251w x 150d mm (transducer 50h x 90w x 60d mm)



Product description: ML3500 MicroLab Spiromete

Product Code: WD7SPI001 with software

Product Code -WD7SPI002 without software

Product specifications can be subject to change without prior notice. Version: V2 10/19

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