

ENHANCED

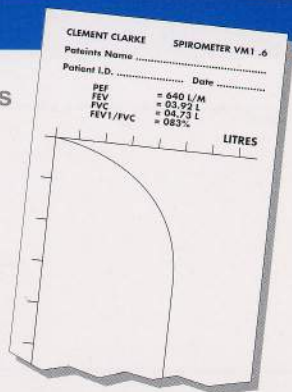
VM1

MINI-SPIROMETER®

IMPROVED
VERSION

RESULTS AT YOUR FINGERTIPS

- The Mini-Spirometer which provides accurate and reliable readings of PEF, FEV₁, FVC and the FEV₁ : FVC ratio (as a percentage)
- Results summary and now the Volume/Time curve printed (with compatible printers)
- "BAD" blow software analysis



Clement Clarke

A HAAG-STREIT COMPANY

The battery powered and portable Enhanced VM1 incorporates a built-in Mini-Wright peak flow meter which enables checks to be made on the accuracy of every measurement.

Arrives complete with Normal Values guide and parallel printer connection lead.

The Enhanced VM1 is available calibrated to either ATS Scale or Wright Scale, and joins the other quality meters from Clement Clarke.

Parameters measured: PEF (L/min)
FVC (Litres)
FEV1 (Litres)
FEV1/FVC (%)

Measurement mode: Static pressure sensing in Mini-Wright peak flow meter

Pressure Transducer: Integrated circuit piezoresistive

Microprocessor: Z80, Clock rate 2MHz

Signal processing rate: 300Hz

Peakflow period: 10ms

Frequency Response: 100Hz @ 350L/min

Sampling time: Up to 10s

Memory size: 8K RAM 4K ROM

Power Source: 1 x PP3 9v Battery

Printer Compatible: Parallel, accepts 36 way IEEE 488 Centronics Connector

Auto-switch-off time: 30 s (approx)

Range: PEF 15-800 L/min

Accuracy: Better than $\pm 5\%$ (95% confidence limits)

Repeatability: Better than $\pm 2\%$

Flow resistance: 12cm H₂O at 350 L/min

Size: Including mouthpiece 210 x 120 x 70mm

Weight: 420g (15oz) including mouthpiece and battery

Flow Meter Type: Variable orifice, springloaded Piston (Mini Wright)

Dynamic Characteristics: Critically damped at normal profile at 350 L/Min

VM1 Mini-Spirometer
(inc. printer lead and Normal Values guide)

Wright Scale

ATS Scale

**Catalogue
Number**

3108000
3108500

Adult disposable mouthpieces (100's)

Paediatric disposable mouthpieces (40's)

Sterilisable universal mouthpieces (15's)

Sterilisable universal mouthpieces (4's)

Pad of 50 peak flow charts

**Catalogue
Number**

3125030
3125005
3103095
3103054
3122007

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