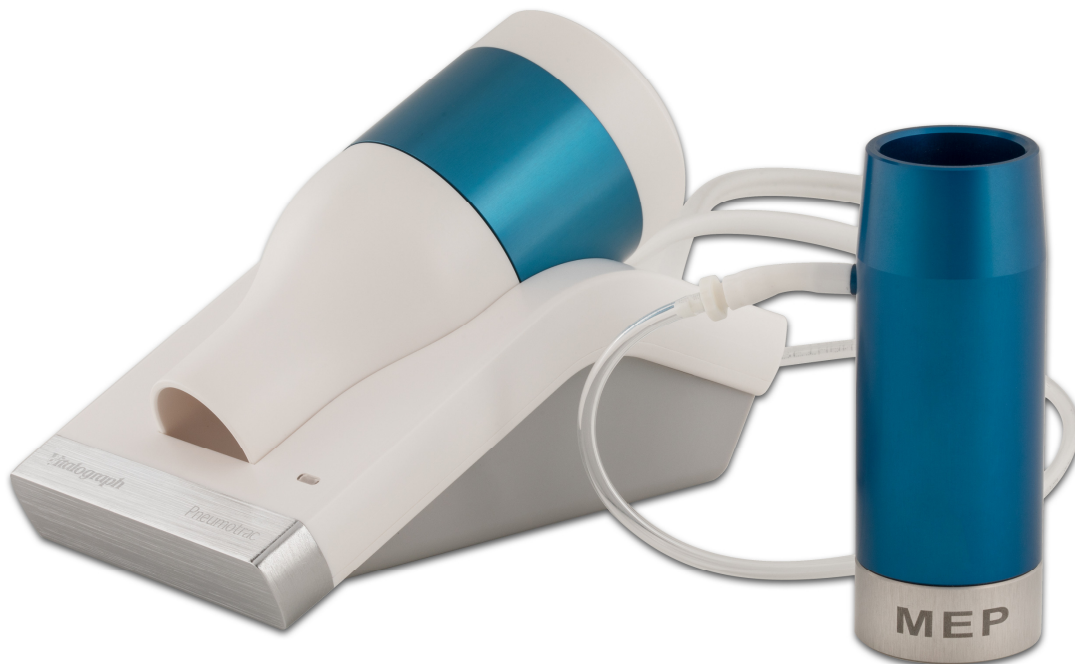




Pneumotrac with RMS

**A Powerful PC-Based Solution for Accurate Respiratory
Muscle Strength Measurements**



Your Spirometry Specialist for 30 Years



www.mdspiro.com

Multiple Respiratory Diagnostics One Portable Device

The Pneumotrac with RMS (Respiratory Muscle Strength) is a PC-Based enhanced diagnostic solution that combines accurate respiratory muscle strength measurements and full featured spirometry testing in one portable device on your Laptop. The Pneumotrac provides detailed spirometry testing and a simple approach to mouth and nasal pressure measurements (MEP, MIP & SNIP) in both adults and children.

It can be used to:

- ✓ Assess diaphragmatic weaknesses in patients with neuromuscular disease (NMD).
- ✓ Assess respiratory muscle strength in patients undergoing pulmonary rehabilitation e.g., COPD patients.
- ✓ Monitor the response of respiratory muscle training.

This new generation Pneumotrac w/RMS combined with the SpiroTrac® 6 software is a powerful tool for respiratory diagnostics backed by Micro Direct's 30 years of service.

Features

Easily Interpreted Results

- Overlay of successive curves for consistent results.
- Multiple options for displaying graphs.
- Fast evaluation of results with %Predicted comparison.
- Customizable PDF reports

Onscreen Testing Guidance

- Instant test quality feedback as per ATS/ERS guidelines ensuring maximum pressure sustained for 1 second.
- Repeatability feedback for rapid and easy testing.
- Real-time display of pressure/time curve on SpiroTrac® 6 software.

Exceptional Test Accuracy

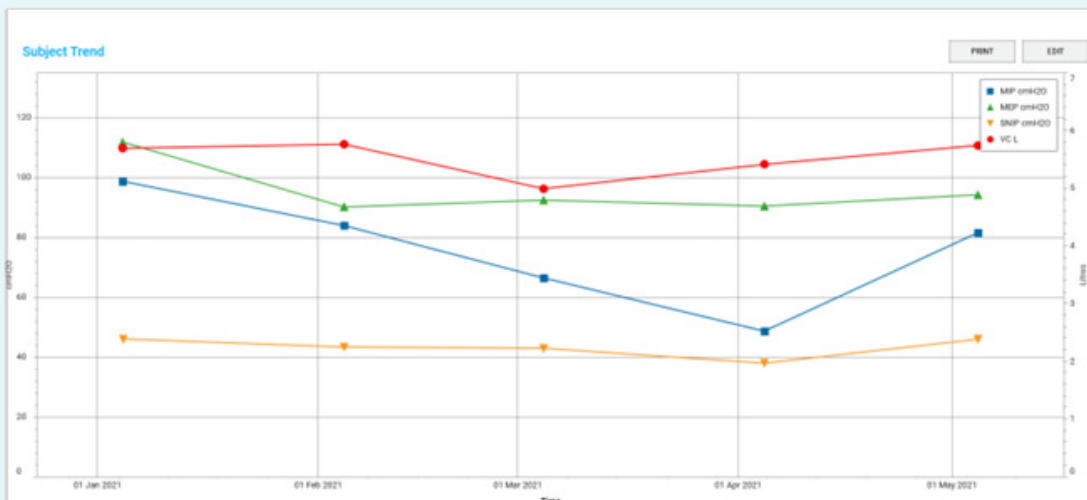
- Superior resolution of 0.1cmH₂O for MEP, MIP and SNIP testing.

Hygienically Efficient

- Low running costs and environmentally friendly: no costly disposable sensors, turbines or flow tubes.
- Single-use filters with validated cross-contamination efficiency >99.999% protect device, patient and operator.



Free 5-Year warranty included with product registration.



Monitor historical changes in lung function by comparing results and view trends over time. Trend MIP, MEP, SNIP, and VC on the one chart for a complete history.

- MIP cmH₂O
- ▲ MEP cmH₂O
- ▼ SNIP cmH₂O
- VC L

Technical Specifications

Product:

Pneumotrac Spirometer with RMS

MD Order #:

MD6850

RMS Test Types:

MIP, MEP, SNIP

MIP, MEP, SNIP Measurement Range:

± 300cmH₂O

Pressure Accuracy:

Within ± 3%

Resolution:

0.1 cmH₂O

MIP Parameters:

MIP, PIP (Maximum Inspiratory Mouth Pressure)

MEP Parameters:

MEP, PEP (Maximum Expiratory Mouth Pressure)

SNIP Parameters:

SNIP

RMS Predicted Sets:

Wilson, Stefanutti/Uldry/Fitting

Performance Standards

ATS/ERS 2019, ISO 23747:2015 & ISO 26782:2009

Power Supply

5V DC via USB



Consumables

Order #	Description	Quantity
28551	Eco BVF + Silicone Bite-On Mouthpiece + Disposable Nose Clips	60
NPROBE02	SNIP Nasal Probes , Small	10
NPROBE03	SNIP Nasal Probes, Medium	10
NPROBE04	SNIP Nasal Probes, Large	30