

A Powerful Solution for PC-Based Spirometry

The Pneumotrac Spirometer combines the accurate, dependable Fleisch type pneumotachograph with the user-friendly, intuitive Spirotrac PC software to create a powerful solution for PC-based spirometry.

The Spirotrac Software is sophisticated and intuitive and provides the perfect environment for data collection, storage and trending analysis.

Requiring a USB port, the Pneumotrac Spirometer is ideal for use on any Windows based laptop or desktop computer. Simply install the Spirotrac PC Software, plug the Pneumotrac sensor and you are ready to go. The ease of use means reduced training times and faster patient turnaround. The child incentive display and ATS quality checks ensure maximal results every time.



Features

- Sophisticated PC-based spirometer
- Attractive, compact design
- Suitable for adults and pediatrics
- Durable measurement technology
- No need for expensive single sourced disposable sensors
- No user calibration required
- Real-time curves, interpretation and data trending
- Choice of child friendly incentives to help improve patient cooperation
- Pre and post bronchodilator comparison
- Long term trend of lung function parameters
- Bronchial Challenge Testing
- Model #: MD7900

PC Requirements

- Operating System: Windows 7, 8, 8.1 and 10
- Processor: 2.00 GHz or faster
- RAM: 2GB or greater
- Disk Space: 650 MB of free disk space. 2 GB if .NET version 4.0 Framework is not installed and an additional GB if SQL Server Express is needed
- Video: a monitor that supports a screen resolution of 1152 x 864 pixels
- 1 USB port and a mouse
- Required Applications: MicroSoft .NET Framework 4.5 and SQL Server 2008 SP2 (minimum requirements: Instance of SQL server (minimum engine version 9) with instance name of 'SQLEXPRESS')



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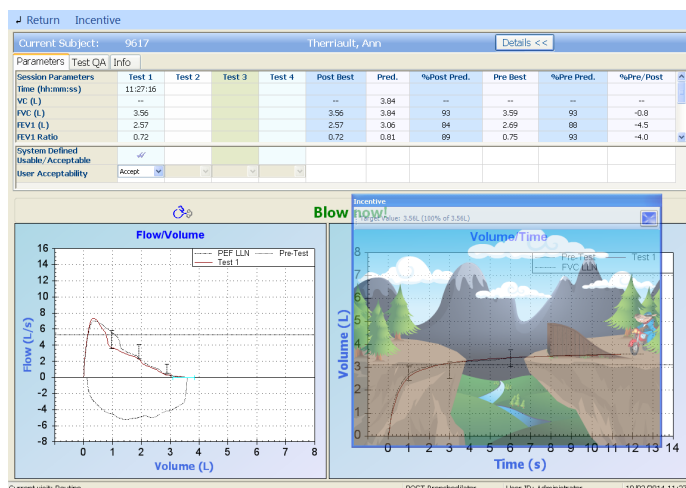
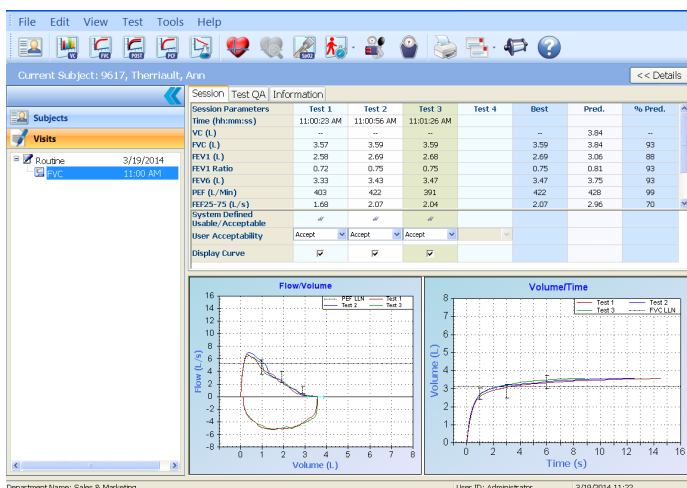
Technical Specifications:

Ordering Info:

Product:	Pneumotrac Spirometer
Size:	~ 4" x 7.25"
Weight:	~ 1 pound
Parameters:	User Selectable
Operating Temperature Range:	62.6° - 98.6° F Design Limits: 50° - 104°
Power Supply:	From USB port
Flow Detection Principle:	Fleisch type pneumotachograph
Volume Detection:	Flow integration sampling @ 100Hz
Accuracy when in Operating Range:	Volumes: Better than +/- 3% (Max 8 L / Min 0 L) Flows: Better than +/- 5% (Max 16 L/S / Min 0.02 L/S) Linearity: +/- 1% in range 0.1 L/S to 16 L/S
Max Test Duration:	45 seconds
Performance Standards:	ATS/ERS 2005 ISO 26782:2009 EN ISO 23747:2009
Safety Standards:	IEC 60601-1:2005
Medical Safety Standards:	Medical Devices Directive 93/42/EEC
Designed & Manufactured Under:	ISO 13485:2003 and 2016 FDA 21 CFR 820 CMDR

Catalog #:

MD7900	Pneumotrac Spirometer
3385	SpiroSafe Filters (Bag of 100)
3395	MicroCheck Mouthpieces Cardboard (Box of 200)
3397	MicroCheck Mouthpieces Plastic (Box of 200)
3314SB	Mouthpieces Cardboard (Box of 200)
3314B5	Mouthpieces Cardboard (Box of 500)
PSA1100	Pediatric Adapter
3301	Pediatric Mouthpieces Cardboard (Bag of 100)
3304	Nose Clips (Bag of 20)
3325	3L Calibration Syringe
46-70	Protex Disinfectant Wipe
42084	Flow Condition Meshes



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