

# Vitalograph Spirotrac 6 Software

A powerful and flexible respiratory diagnostic platform



SPIROMETRY



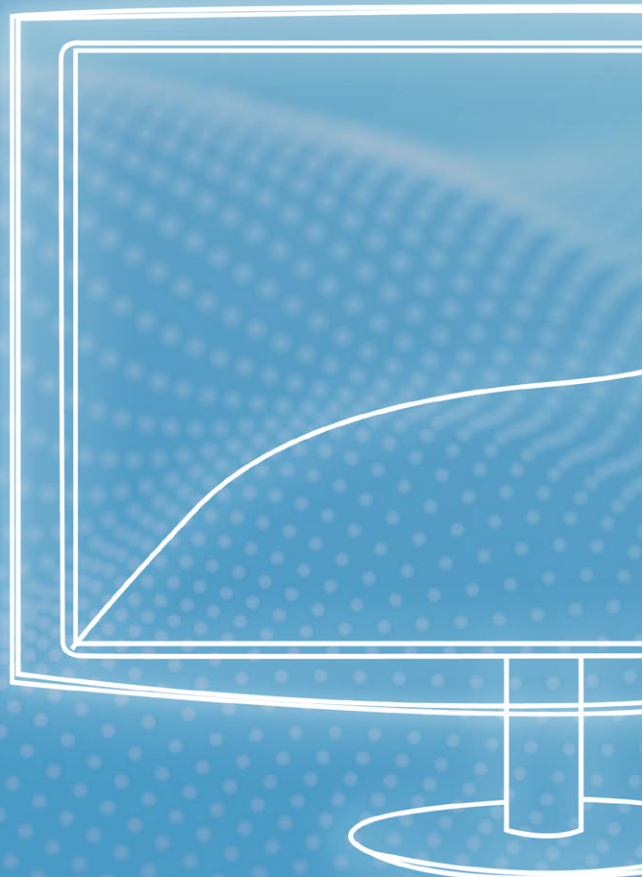
ECG



EMR DATA EXCHANGE



QUALITY ASSURANCE



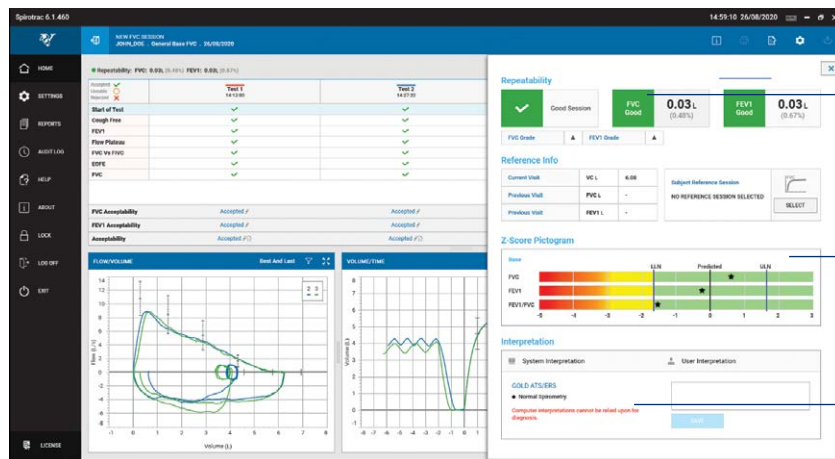
A Global Leader in Respiratory Diagnostics

# Vitalograph Spirotrac 6

Consolidate both Spirometry and ECG through a single, flexible, and powerful software solution.

Spirotrac®6 PC software provides a powerful respiratory diagnostic platform. This redesigned software is compliant with 2019 ATS/ERS spirometry guidelines, meeting international guidelines on accuracy and reporting. Including a 12 lead ECG option with detailed results based on the University of Glasgow interpretation algorithm. A brand-new user interface offers advanced quality control feedback for rapid and easy testing. Filing and storing results could not be simpler with fast connection to your EMR system.

## Spirometry



FVC and FEV1 Grading System as per latest ATS/ERS 2019 guidelines

Graphical representation of Z-score values to facilitate interpretation

Interpretation based on latest ATS/ERS and GOLD guidelines

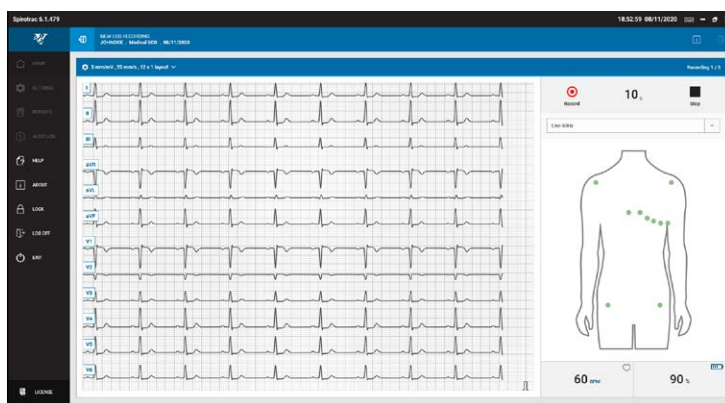
- Meets 2019 ATS/ERS standardization of spirometry guidelines
- Supports **full feature spirometry testing and bronchodilator responsiveness testing** with over 50 available parameters
- Fast evaluation of results using **latest GLI spirometry** predicted equations with LLN, %Pred and Z-scores
- Instant **quality feedback** using the latest test acceptability, usability, and repeatability criteria
- Select which tests to display using the new filtering options for graphs (Show All, Show Best, Show Best 3)
- Save time and ensure consistency using **Standardised Operator Comments** to quickly add comments to the subject record
- Monitor historical changes in **lung function** by comparing results and view trends over time



Choose from different animation incentives

# 12-lead Resting ECG

- Automatic measurements with computer **interpretation (Glasgow Algorithm)** and analysis to support a reliable diagnosis
- **Instant feedback** for the operator on **electrode contact problems**, battery, and communications status
- High quality **multi-channel** and 12-lead overview for viewing and printing, supporting multiple formats to suit user requirements

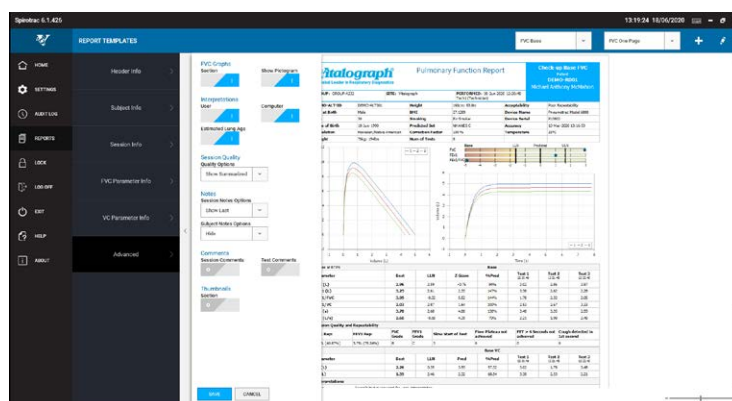


## Extensive and Flexible Reporting

Customize reports and choose which parameters to display using the powerful, easy to use built-in editor.

## Advanced Database

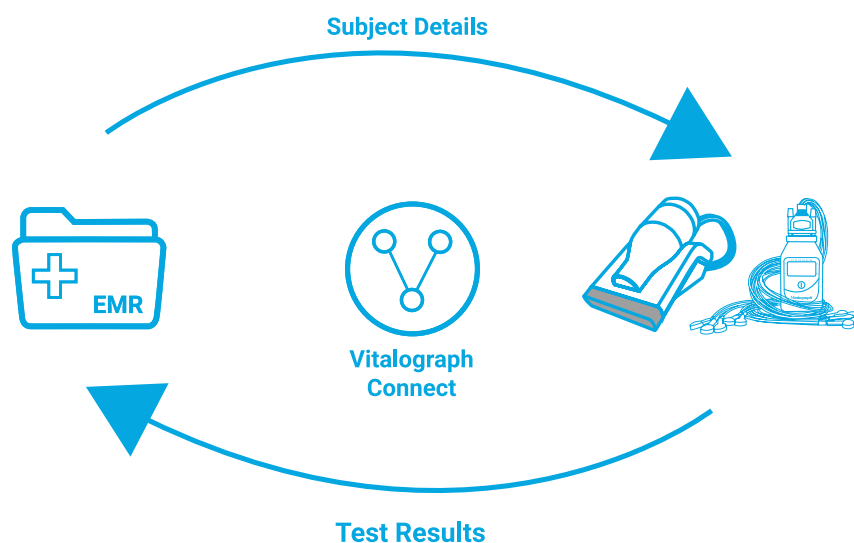
Secure data management with fully scalable database capacity using powerful Microsoft SQL server technology. Create and assign subjects to groups, perfect for multiple test sites and Occupational Health.



## Save Time in Consultations

Included as standard is Vitalograph Connect - Middleware software linking EMR systems with Spirotrac 6

- Eliminate errors and improve workflow with subject details automatically transferred from clinical system to Spirotrac 6
- Enhanced data safety and save precious time as Read Codes and PDF reports are automatically filed to the subject's medical record



# Technical Specifications

**Product:** Vitalograph Spirotrac 6

**Model:** 7000

**Processor:** 2GHz or greater

**RAM:** 2GB (minimum) 8GB (recommended)

**Disk Space:** 20GB Recommended. Installation 1GB.

If the .Net Framework version 4.8 is not already installed, this will require an additional 1GB (32-bit) or 2GB (64-bit) of hard disk space. If Microsoft SQL Server Express is not already installed, this will require an additional 2GB of hard disk space.

**Operating System:** Windows 10, Windows 11

**Display:** 1280 x 800 pixels minimum, higher recommended

**Other:** Microsoft .Net Framework 4.8, Mouse

1 x USB port minimum for Pneumotrac spirometry device and software installation

Bluetooth® support for BT-12 ECG device and Norav NR1207 ECG device

1 x ethernet port minimum for connection to Vitalograph Tremoflo C-100 device to perform Oscillometry

**Performance standards:**

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

**QA/GMP standards:**

EN ISO 13485, FDA 21 CFR 820, SOR/98-282, Japan's PMD Act

## Ordering information

Product Model Number	Customer Order Number	Product Description
7000	70902	Spirotrac 6 Software
6800	77902	Pneumotrac <sup>1</sup>

## Optional Extras

Product Model Number	Customer Order Number	Product Description
2040	36020	3-L Precision Syringe

<sup>1</sup> Includes Spirotrac 6 PC software

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