


# Spirotrac 6 Software

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

## Technical Specifications

<b>Product</b>	Vitalograph Spirotrac® 6
<b>Model</b>	7000
<b>Performance standards</b>	ATS/ERS 2019, ISO 23747:2015 & ISO 26782:2009
<b>QA/GMP standards</b>	EN ISO 13485, FDA 21 CFR 820, SOR/98-282, JPAL & MDSAP
<b>Minimum PC System Requirements</b>	<p><u>Processor Speed:</u> 2GHz or greater</p> <p><u>RAM:</u> 2GB (Minimum), 8GB (Recommended)</p> <p><u>Disk Space:</u> 1GB or greater</p> <p><u>Monitor:</u> 1280 x 800 pixels minimum, higher recommended.</p> <p><u>Other:</u></p> <ul style="list-style-type: none"><li>• USB Port for Pneumotrac or other compatible devices</li><li>• Bluetooth Support for BT-12 ECG</li><li>• .Net framework 4.8</li><li>• 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 SQL Server Express is not already installed, this will require an additional 2GB of hard disk space.</li></ul>
<b>Operating Systems Supported</b>	Windows 10, Windows 11
<b>Test Types Supported</b>	<ul style="list-style-type: none"><li>• Spirometry: Single breath testing, multi-breath testing. VC, Post VC, FVC, Post FVC, PCF</li><li>• ECG: 12 lead 10 second trace</li><li>• Respiratory Muscle testing: MIP, MEP, SNIP</li></ul>
<b>Devices Supported</b>	<ul style="list-style-type: none"><li>• Spirometry: Pneumotrac</li><li>• ECG: BT12 ECG</li></ul>
<b>FVC Parameters</b>	FVC, FEV1, FEV1/VC, FEV1/FVC, FET, PEF, FEF25-75, FEV6, FEV1/FEV6, FEV1 Ratio, PEF(L/s), PEF(L/min), FIVC, PIF(L/s), PIF(L/min), TV, IRV, ERV, IC, FEV3, FEV0.5, FEV0.75, FEV0.5/FVC, FEV0.75/FVC, FEV3/FVC, FEV6/FVC, FEF0.2-1.2, FEF25-75/FVC, FEF75-85, FIVC/FVC, FEF25, FEF50, FEF75, FIF25, FIF50, FIF75, FEV1/PEF, FIF50/FEF50, FIV1, FEV1/FIVC, FEV1/IVC, FIV1/FIVC, FIV1/FVC, FEF50/FIF50, MVVind, BEV/FVC, EOTV, FMFT, IVC, FEFmax, FEV1/HT2, RAW-ind, FEV3/VC, TLC, RV, FRC, BEV, TExt, TPef, tRISE, tHES, Lung Age

## Technical Specifications (continued)

<b>VC Parameters</b>	VC, EVC, IVC, TV, IC, ERV, TLC, RV, FRC
<b>Predicted Values Selectable</b>	GLI, ERS/ECCS; NHANES
<b>Spirometry Incentives</b>	Big Bad Wolf, Candles, Ball and Tube
<b>Spirometry Interpretation</b>	GOLD 2019 ATS/ERS2005 interpretation
<b>Spirometry Reports</b>	Report templates based on ATS 2017 Standardised Reports with multiple configuration such as logo, title, header, Best1 Test, Best3 Test, All Tests options
<b>ECG Parameters</b>	HR, RR, ST, PR, PQ, QT, P, QRS, QTcH, QTcB, QTcF, QTcFra, P Axis, QRS Axis, T Axis 
<b>ECG Interpretation</b>	Glasgow Algorithm
<b>ECG Reports</b>	3 x 4, 6 x 2, 12 x 1, Medians, Average
<b>Database Engine</b>	Supplied with Microsoft SQL Server 2014 Express SP3. Compatible with Microsoft SQL Server 2014 and above
<b>Database Options</b>	Local SQL Server Database or Network SQL Server Database. Database backup on lock, logoff or shutdown
<b>Database Migration/Import Options</b>	Database Migration from Spirotrac 5
<b>Security Options</b>	User Management, User logon with password complexity, User Inactivity lock timeout, Audit Annotation, PII Data encrypted
<b>Audit Trail</b>	Full audit log of all activities date/time stamped by user
<b>EMR Connectivity</b>	HL7, GDT via Vitalograph Connect
<b>Trending Options</b>	Max 4 parameters over selected date range
<b>Device Classification</b>	Class II (USA) / IIa (EU) medical device

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