

Vitalograph® Spirotrac IV

Frequently Asked Questions

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When installing Spirotrac 4.1 or later the installation asks for a password.

- This is the serial number located on a label on the back of the Spirotrac software package.

How to share a centralised database from a windows NT/2000 server on the network.

- Create a folder on the server and share this folder giving all Spirotrac clients “Full Control” access rights to it.
- Install the Spirotrac software on all the client computers.
- Using one of the client computers create a new database using the Spirotrac software.
- Using windows explorer, move the newly created database to the shared folder on the server. The database consists of a paradox file and a folder both with the name of the newly created database.
- On all the clients map a network drive to the shared folder on the server.
- You can now use the Paradox configuration utility to set the path to the database or alternatively when running the Spirotrac software use the select database option from the Database menu to browse to the network share and select the database.

When I run the Spirotrac application all configuration settings previously setup have been lost.

- Ensure that the “spirotrc.ini” file located in the c:\spiro4 directory is not set to read only.

The calibration option is greyed out in the Options menu.

- This depends on the device selection. The 2120 and Gold Standard Plus are calibrated independently of the Spirotrac software whereas the Pneumotrac/Model 6800, Fleisch and S-Model are calibrated through the software. If the Pneumotrac/Model 6800, Fleisch or S-model are selected then this option is available and if the 2120 or Gold Standard Plus are selected then this option is not available.

Message “Testing below 17 not recommended”

- Relocate the spirometers to a warmer location if possible. Testing below 17°C is not recommended, however testing may be carried out below this temperature if so desired.
- Check cable connection from device to computer
- Reset the temperature on the 2120/Gold Standard Plus spirometers.

Test performed but does not show on screen.

- Check the correct device was selected in the Options menu.
- Check that the flowhead tube is connected to the same colour connector at both ends.

Inspiratory flow does not appear on the screen.

- Check that inspiratory parameters were selected in Parameters in the Options menu.

Fan not working

- PP3 battery low. Replace battery

No flow being detected.

- Ensure that the ribbed tube of the Flowhead connecting tube is located to ribbed connector at the device, and to the blue tapping on the flowhead.

Incorrect or no measurement (volume or temperature). Excessive calibration drift.

- Cable not connected properly. Ensure the connectors are clear of obstruction or dirt and that they are inserted fully.
- Dirty flowhead. Clean flowhead thoroughly.
- Faulty flowhead. Contact the nearest Vitalograph service centre for replacement.

Low or no volume measurements.

- Kinked or damaged white Flowhead connecting tubing, or tubing squeezed during testing.

Spirotrac software does not see any hardware.

- Board I/O address conflict. Any board in conflict with it does not function either. Possible complete system crash. There are three recommended switch settings for the card (ref Trouble-Shooting hardware related problems – 68000/69000 Spirometer section of user manual). Check if default settings conflict with any other interface cards and, if possible change the switch settings to one of the other two options (detailed in the manual) if they do not conflict with anything else and try it out. If all the address ranges outlined in the manual are being used contact your nearest Vitalograph service centre.

Spirotrac software does not see any hardware.

Possible system crash.

- Card not plugged in properly. Ensure the connector is clear of obstructions or dirt and that the card is inserted fully.

Spirotrac software does not see any hardware.

Possible complete system crash

Incorrect measurements (volume or temperature)

- Faulty card. Contact nearest Vitalograph service centre for replacement.

Incorrect or no measurements (volume or temperature)

- Cable not connected properly. Ensure the connectors are clear of obstruction or dirt and that they are inserted fully.
- Faulty Cable. Contact nearest Vitalograph service centre for replacement.

Incorrect or no measurements (volume or temperature)

Excessive calibration drift.

- Dirty flowhead. Clean the flowhead thoroughly.
- Faulty flowhead stand. Contact nearest Vitalograph service centre for replacement.

Reversed or no volume measurements.

- Flowhead connecting tube incorrectly located. Using the ribbed and smooth feature of the tubing as a guide, ensure that the blue tapping on the stand is connected to the blue tapping on the flowhead, likewise for the sliver.

Low or no volume measurements.

- Kinked or damaged white Flowhead connecting tubing, or tubing squeezed during testing.

Report does not print the chosen parameters or graphs.

- Check the correct report was chosen from the Reports menu. The chosen report type will have a “tick” beside it in the Report Type submenu of the Reports menu.

Printout of graph does not fit the page.

- Check the time scales selected in the Options menu.

When all parameters are selected from the Options menu only 24/25 parameters are printed on the report.

- This is correct as the printed report is limited to one page. If all the parameters are selected then the first “X” number of parameters are printed to the report (“X” depends on whether demographics are entered for the patient, and if interpretation or test date and time are also being printed on the report). The only possible way to printout all parameters is to print out the report twice firstly printing half the parameters then printing the other half.

When choosing to print from the print preview screen the report type is not the same as the one selected from the Reports Type submenu of the Reports menu.

- For versions of Spirotrac up to and including version 4.02 the print option from the print preview screen generates a standard report with the Volume/Time graph only. To print using any other report types it is required to print using the Print option in the Reports menu.

What is the difference between Spirotrac IV and Spirotrac Lite.

- Spirotrac Lite does not have a database therefore patient details, test results and calibration details cannot be stored.

Flow and volume time curves are too small or too large

- Rescale the graphs by using the rescale buttons at the top right hand corner of the test screen.

How does the Spirotrac software calculate the FEV1/FVC% value.

- Spirotrac recalculates the FEV1/FVC% value based on the best FEV1 and FVC results.

Message – “The dongle is not inserted or is inserted incorrectly”

- The Spirotrac software prior to version 4.1 was protected from software piracy by means of a dongle. The dongle is the 25 pin adaptor which was included with the software bundle. This dongle has to be connected to the parallel port on the back of the PC for the software to work.

What operating systems will the Spirotrac software run on.

- All Spirotrac versions pre version 4.1 will run on windows 95/98/Me but will not run on windows 2000/XP.
- All versions from version 4.1 onwards will run on windows 95/98/Me/2000/XP.

Will the Spirotrac software run on a Macintosh operating system.

- The Spirotrac software is designed to run only on the Microsoft Windows operating systems, therefore it will not run on a Macintosh operating system

What operating systems will the ADC computer card work with.

- Windows 95 or Windows 98.