

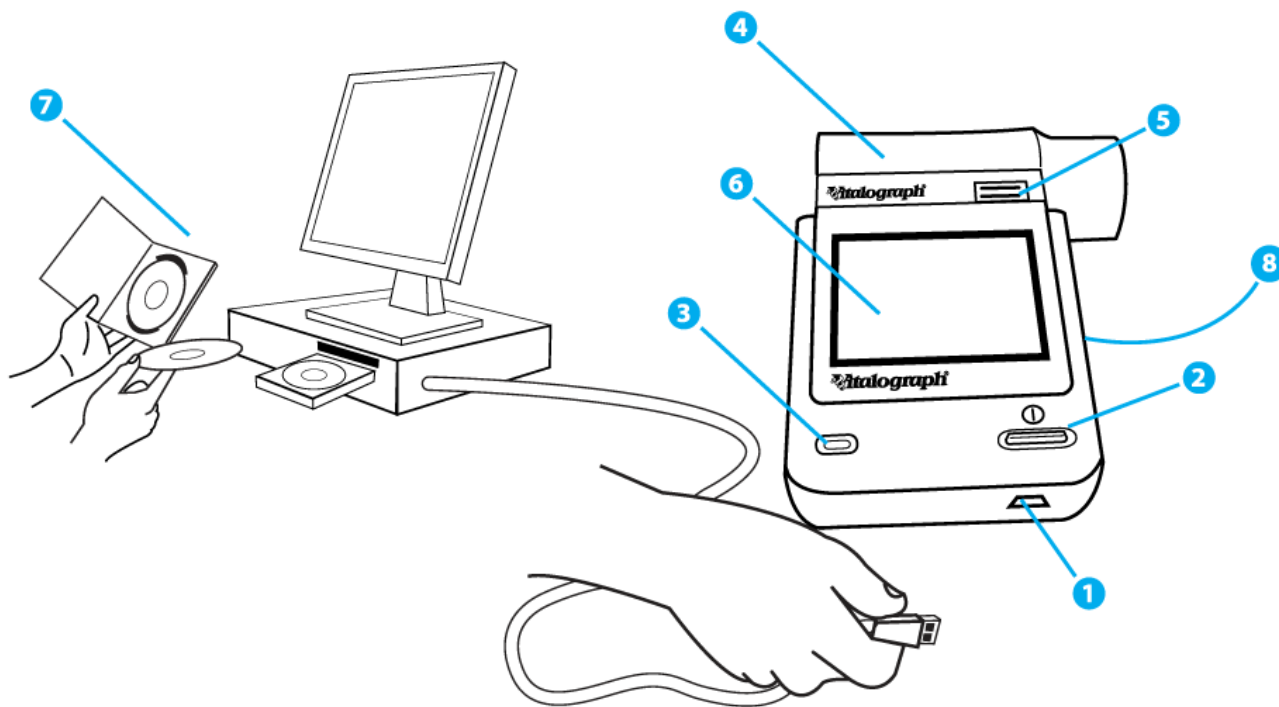
# Vitalograph micro Quick Start Guide

## Simple, accurate handheld spirometer.

Using this guide it will take you just a few minutes to produce your first spirometry test results using the Vitalograph micro™. Reports may be generated from the micro using the Vitalograph Reports Software supplied with the device. If you need more help contact your supplier or refer to the Vitalograph micro User Training Manual, available on the Vitalograph website.

## Setting up the micro

- 1 USB Port
- 2 On/Off button
- 3 LED: Green = battery full/USB power, Amber = battery low, Red = battery critical
- 4 Flowhead
- 5 Flowhead release button
- 6 LCD/Touch panel display
- 7 Vitalograph Reports Software CD
- 8 Battery Compartment



4 x AAA non-rechargeable batteries must be installed before the Vitalograph micro can be used for remote testing. Alternatively the USB connector may be used to power the device. Remove the batteries if an extended period of disuse/storage is anticipated (i.e. over a month).

## Configuring the Vitalograph micro device

To configure the micro, touch 



For subject options touch 

For device options touch 

For parameter selection touch 



It is highly recommended to test yourself on a new device before using with a real subject.


## Creating a New Subject

To create a new subject touch the  icon and enter subject details by touching the fields on the screen. Press the 'Enter'  after each entry.

If no new subject details are entered the micro will default to use the details of the last subject entered. It is possible to conduct testing on the micro with no subject details entered but predicted values will not be available.

## Starting Testing

Fit a disposable SafeTway<sup>®</sup> mouthpiece or BVF<sup>™</sup> to the device. Use of a disposable noseclip is also recommended. With the device switched on, select the type of testing that you wish to carry out:  

Perform spirometry testing when the  icon is visible.

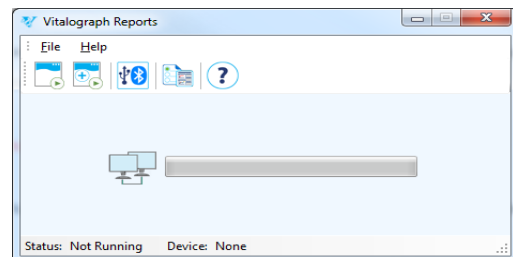
On completion of testing a letter is displayed at the top of the home screen to indicate the type of testing completed: F = FVC, V= VC, P=Post. A spirometry session consists of at least 3 blows in FVC test mode.

## Reporting


To produce PDF reports from the micro using Vitalograph Reports software, ensure that the software is installed on the PC by running the Vitalograph Reports CD supplied with the micro and following the on-screen instructions.

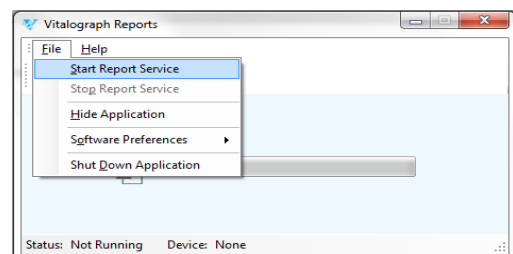
**Ensure that the micro is switched on and showing the home screen.**

Connect the micro to the PC using the USB cable supplied then open Vitalograph Reports on the PC.



Vitalograph Reports


Press the Report icon  or select 'File' 'Start Report Service'. Your PDF spirometry report will be generated. The micro display will show a USB symbol while communicating with Reports software.



Start Report Service

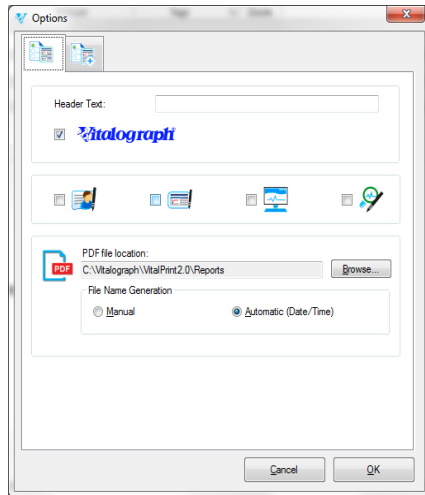
Further tests may be downloaded in reverse chronological order by selecting 'Start' subsequent times in Vitalograph Reports. Once reports have been downloaded, they will no longer be stored on the micro device.

## Configuring the Vitalograph Reports Software

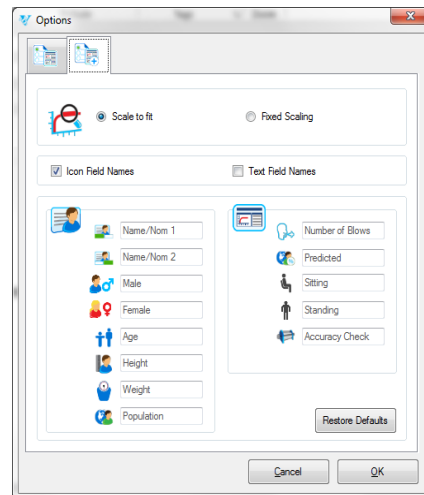
With the micro device connected and switched on in the home screen, start the report service. Select the Results Options Icon  and

configure the report as required. Note that there are two tabs and in the second you can insert any text / language.





















**You cannot configure the report until you have created your first report.**




































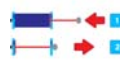

Report Options



Report Options

micro icons			
	Subject		VC Test
	FVC Test		Post Test
	Settings		Enter
	Subject Options		Device Settings
	Accuracy / Calibration		About
	Age		Height
	Gender - Male		Gender - Female
	Posture - Sitting		Posture - Standing
	Weight On		Weight Off
	Population Group - On		Population Group - Off

	Results Options		Parameters
	Time/Date		Service Mode
	VC Volume-Time Graph		VC Volume Graph
	Zoom Out		Zoom In
	Test Results		Blow Now
	FVC Volume-Time Graph		FVC Flow-Volume Graph
	Delete		Error
	Serial Number		Software Number
	Syringe Volume		micro Device
	USB Power		Battery Full
	Battery Low		Battery Empty
	Z Score		% Predicted
	Sound On		Sound Off
	User Passcode - On/Locked		User Passcode - Off/Unlocked
	Temperature		Bluetooth
	Accuracy / Calibration Fail		Accuracy / Calibration Pass

	<p>Strokes not repeatable</p>		<p>Syringe in stroke, Syringe out stroke</p>
	<p>Error at last Accuracy Check (shown on start up)</p>		

## Consumables & Accessories

**20242** 2024 SafeTway Mouthpieces (200)

**20303** 2030 Noseclips Disposable (200)

**28350** 2820 BVF Bacterial/Viral Filters (50)

**36020** 2040 Precision Syringe 3-L

**79163** Remote Flowhead Kit Spare



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