

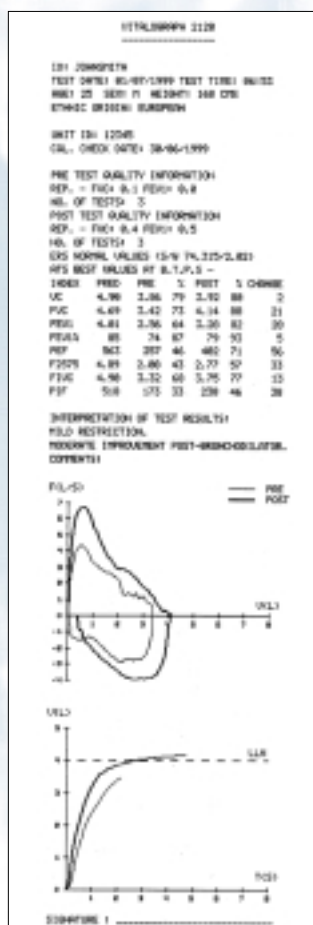
2120 with Base Station

The unique hygiene station with printer*, built in charging and data connectivity

- ▼ Measurement precision with proven Fleisch-type pneumotachograph
- ▼ Complete breathing circuit easily removable for cleaning and disinfection
- ▼ All removable parts autoclaveable @137°C
- ▼ The built in extractor fan in the Base Station removes all aerosolised droplets through a Bacterial/Viral Filter, efficiency more than 99%¹
- ▼ Automatic extractor fan continues running for 30 seconds to completely dry the measuring system, removing the environment for organism survival
- ▼ Fully compliant to all standards: ATS'94, ERS'93, CE, FDA510k permit, EN60601, Y2K



Test subjects in or out of the office.
Vitalograph 2120 stores 160 tests



- ▼ Audio-feedback to the operator, whilst observing the subject's test in progress, giving quality testing with minimum attempts.
- ▼ The Vitalograph 2120 stores up to 160 tests for individual or batch printing on the Base Station.
- ▼ The Base Station gives a permanent direct link to your PC/network and peripheral printer.



- ▼ The printout is configurable with full choice of curves and indices printed.
- ▼ After printing, data can be downloaded to Spirotrac® data archive for Serial Trending
- ▼ Safe low voltage operation

Back in the office drop the Vitalograph 2120 into the cradle and batch print or download data. Automatically dries and removes aerosolised droplets through a Bacterial/Viral Filter.

... from **Vitalograph®**
the spirometry people

* Optionally available without printer

Vitalograph[®] 2120 with Base Station CE 0086

The Vitalograph 2120 with Base Station is a highly accurate advanced feature spirometer for the 21st Century with a unique docking station which features:

- ▼ Removal of aerosolised particles through a Bacterial/Viral Filter
- ▼ Drying of the measuring system to prevent survival of organisms to minimise risk of cross infection
- ▼ Automatic charging of the 2120 battery
- ▼ Printing reports individually or as a batch
- ▼ Permanent connection to PC/network
- ▼ Support of multiple 2120 units
- ▼ Direct connection to full size printer
- ▼ Available without printer option

Technical Specifications

Size:	300mm x 250mm x 140mm	Max. recorded flow volume:	8 litres
Net weight:	2324gms	Measuring accuracy:	Better than +/- 3% or +/- 0.05L volume, and +/-5% flow (inspiratory: +/-5% volume, +/-8% flow)
Parameters measured:	VC, FVC, FEV.5, FEV.75, FEV.75%, FEV1, FEV1/VC%, FEV1/FVC%, FEV/PEF, FEV3, FEV3%, PEF, FEF25-75, FEF25-75%, FEF75-85%, FEF.2-1.2, FEF25%, FEF50%, FEF75%, FMT, FET, MVVInd, FIVC, FIVC/FVC%, PIF, FIF25%, FIF50%, FIF75%, FIF50%/FEF50%	Maximum test duration:	up to 20 seconds FVC, 30 seconds VC
Flow detection principle:	Fleisch type pneumotach	Operating temperature:	5 - 40°C
Back pressure:	0.1kPa/L/s, complies with or exceeds ATS 1994, ERS 1993 standards	Safety standards:	certified to IEC601-1, EN60601-1, EN60601-1-2
Cleaning and Disinfecting:	Cold liquid, autoclave	Spirometric standards:	ATS, OSHA, SSD, ACCP, ERS
Volume Measurement:	flow integration	Power supply:	rechargeable battery, external PowerSafe
Max. recorded flow rate:	+/- 16 L/s	Display:	4 lines x 20 character LCD
		Keypad:	membrane
		Internal Printer:	Thermal printer 112mm paper width
		Environmental Conditioning Fan:	Flow rate (without filter) 0.65l/s

Ordering Information

75202Vitalograph 2120 with Base Station	20303Noseclips (10)
2100505Electronic Printer Cable	63054Serial Spirometry Records (4 Pads of 50)
21200602120 serial cable	204081-Litre Precision Syringe
21000119-25 way D type serial adaptor	360203-Litre Precision Syringe
28200Bacterial / Viral Filter (50)	42084Flow Conditioning Mesh (10)
28202Mini Bacterial / Viral Filter (30)	14002Half Day Operator Training
20242SafeTway Mouthpieces (200)	62094SPRCarrying case
20980Mini SafeTway Mouthpieces (50)	76050Filter Pads (pack of 50) & Tweezers
20201Disposable Cardboard Mouthpieces (200)	66149Thermal Paper Rolls (Pack of 5)
20202Mini Mouthpieces (400)	76002Base Station
20302Mini Mouthpiece Adaptor	76302Base Station - no printer

Single use Disposables



When expiratory testing only, the low cost *SafeTway* mouthpiece can be used. Designed to prevent cross-infection during pulmonary function testing, it has a one-way valve to prevent subjects accidentally breathing in through the spirometer.

Adaptors to fit all types of PFT Equipment



When inspiratory and expiratory testing, the Bacterial/Viral Filter should be used. Designed specially for pulmonary function testing, the low back-pressure filter has a bacterial cross-contamination reduction efficiency of 99.99%.

Adaptors to fit all types of PFT Equipment

Please ask about our Spirometry Training Workshops, 5-Year Warranty and Annual Service Schemes

Reference (1): Hiebert T., Miles J., Okeson G.C.; Contaminated Aerosol Recovery from Pulmonary Function Testing Equipment.; AM. J. Respir. Crit. Care Med. 1999; 159: 610-612

.... from **Vitalograph[®]**
the spirometry people

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