

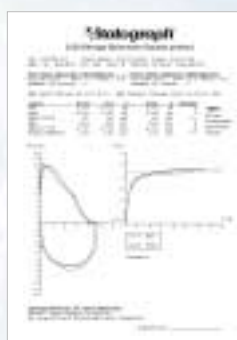
Vitalograph® 2120

www.vitalograph.co.uk • www.vitalograph.com • www.vitalograph.de • www.vitalograph.ie

... making spirometry simple

the **New**

Vitalograph 2120



- ▼ Simply perform test
- ▼ Drop in cradle
- ▼ Print



2120

- ▼ Accurate Fleisch Pneumotachograph
- ▼ Full 160 test/subject memory with curves
- ▼ Simple disassembly/cleaning - no fragile parts



hand held spirometry

- ▼ Unique audio-feedback assists operator
- ▼ Serial port for PC & networks
- ▼ Automatic battery charging



NEW Vitalograph® 2120

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... the NEW Vitalograph 2120 with integral cradle

Features ...

- ▼ small and portable for off-line testing
- ▼ drop-proof and solid state
- ▼ calibration easily checked and updated
- ▼ ATS 1994, ERS 1995 Standards compliance
- ▼ pull-down menus and shortcut icons
- ▼ full graphical reconstruction; batch printing
- ▼ patient ID and demographics stored
- ▼ operator audio feedback during test manoeuvre
- ▼ real time clock, standards compliant
- ▼ hygiene assured with SafeTway or BVF
- ▼ 33 user configurable spirometric indices
- ▼ easy flowhead removal for cleaning
- ▼ accurate results with Fleisch technology
- ▼ multi-subject testing, 140 test memory (70 exp/insp)
- ▼ non-disposable parts autoclaveable at 137°C
- ▼ SMART options on 2120 = reduced test time
- ▼ long life rechargeable battery, auto re-charge
- ▼ on-site downloads direct to a printer

Technical Specifications ...

- | | | | |
|-------------------------|------------------------------------|---------------------------|--|
| ▼ Size (Net): | 270 x 250 x 177 mm (2120 & cradle) | ▼ Size (Gross): | 578 x 324 x 190 mm |
| ▼ Weight (Net): | 1.85 Kg | ▼ Weight (Gross): | 4.00 Kg |
| ▼ Parameters measured: | Configurable 33 indices | ▼ Flow detection: | Fleisch No4 pneumotachometer |
| ▼ Back pressure: | 0.07kPa/L/s @ 14 L/s | ▼ Cleaning: | Cold liquid or autoclave @ 137°C |
| ▼ Volumes: | Flow integration sampling at 100Hz | ▼ Max recorded flow rate: | +/- 16 L/s |
| ▼ Max recorded volume: | >8 L | ▼ Accuracy: | Better than +/-3% volume, +/- 5% flow |
| ▼ Linearity: | 1% linear range 0.1 L/s – 16 L/s | ▼ Precision: | Better than +/-1% volumes, certification |
| ▼ Drop Test: | 1m onto concrete (EN60601-1) | ▼ Storage Temperature: | -5°C - +50°C |
| ▼ Test duration: | 20 seconds FVC, 30 seconds VC | ▼ Operating: | 5-40°C (ATS not reccom. test <17°C) |
| ▼ Safety standards: | Certified to ISO EN 60601-1/2 | ▼ Spirometric standards: | ATS '94, ERS '93 |
| ▼ Power supply: | 110-250 V~ | ▼ Power safety: | External 12V DC PowerSafe |
| ▼ Power store: | 10V NiCad rechargeable battery | ▼ Display: | 4 lines x 20 character LCD |
| ▼ Keypad: | Sealed membrane | ▼ Body and cradle: | ABS Mouldings |
| ▼ Environmental safety: | Emissions to EN60601-2 | ▼ Recycling: | 5-year design life |

Ordering Information ...

75000 Vitalograph 2120
14002 Half Day Operator Training
20303 Noseclips (10)
42084 Flow Conditioning Mesh (10)
2120505 ... Intelligent Printer Cable
2100666 ... Ink Jet Printer (cable not included)
21500 Laser Printer incl. 3 Year Warranty (cable not included)
20979 Instrumentation Briefcase
70000 Spirotrac® IV Software
74076 Coily cable
76062 Serial Port to PC Cable

... please enquire about:

- other Spirometry Training Materials
- 5-Year Warranty schemes

28350 BVF (50)
20242 SafeTway Mouthpieces (200)
20980 Mini SafeTway Mouthpieces (50)
20991 Long SafeTway (130)
20201 Cardboard Mouthpieces (200)
20202 Mini Mouthpieces (400)
20302 Mini Mouthpiece Adaptor
20990 Long Cardboard Mouthpiece (130)
36020 3-Litre Precision Syringe
20408 1-Litre Precision Syringe
21001204 ... PowerSafe Universal Regulated (cable not included)

..... Annual Service Plans to suit you



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

from Vitalograph®

... the spirometry people



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