



the difference is clear

## Vitalograph 2120

### Making spirometry simple

- ❖ Simply perform test and drop in charging cradle
- ❖ Vitalograph Reports PC software supplied as standard
- ❖ Create PDF spirometry reports or use your PC printer
- ❖ Accurate Fleisch Pneumotachograph
- ❖ Full 140 test/subject memory with curves
- ❖ Simple disassembly/cleaning - no fragile parts
- ❖ Unique audio-feedback assists operator
- ❖ Serial port for PC & networks
- ❖ Full graphical reconstruction; batch printing
- ❖ Real time clock, standards compliant
- ❖ Hygiene assured with SafeTway or BVF
- ❖ Measures VC, FVC, FEV1, FEV1 ratio, PEF, FEF25-75% and more
- ❖ SMART options on 2120 = reduced test time
- ❖ Optional built-in Base Station printer

Vitalograph is the world's leading provider of outstanding respiratory diagnostic, screening and monitoring devices. With a heritage of excellence spanning half a century, Vitalograph continue to make pioneering contributions to effective respiratory care and enhanced quality of life.





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## Technical Specification:

**Product:**  
Vitalograph 2120  
**Model:**  
2120  
**Size:**  
(Net) 270 x 250 x 177 mm (2120 & cradle)  
(Gross) 578 x 324 x 190 mm  
**Weight:**  
(Net): 1.85 Kg  
(Gross): 4.00 Kg  
**Parameters Measured:**  
Configurable 33 indices  
**Operating Temperature:**  
5-40°C (ATS not recomm. test <17°C)  
**Storage Temperature:**  
-5°C - +50°C  
**Power Supply:**  
110-250 V~  
**Power Store:**  
10V NiCad rechargeable battery  
**Flow Detection:**  
Fleisch No4 pneumotachometer  
**Back Pressure:**  
0.07kPa/L/s @ 14 L/s  
**Volumes:**  
Flow integration sampling at 100Hz  
**Max Recorded Volume:**  
>8 L

**Linearity:**  
1% linear range 0.1 L/s – 16 L/s  
**Test Duration:**  
20 seconds FVC, 30 seconds VC  
**Accuracy:**  
Better than +/-3% volume, +/- 5% flow  
**Precision:**  
Better than +/-1% volumes, certification  
**Drop Test:**  
1m onto concrete (EN60601-1)  
**Performance Standards:**  
ISO 23747:2007 & ATS/ERS:2005  
**Safety Standards:**  
EN ISO 60601-1:2005 -1 -2 -4  
**Medical Safety Standard:**  
Medical Devices Directive  
93/42/EEC1993  
**Safety Standards:**  
Certified to ISO EN 60601-1/2  
**Designed & Manufactured Under:**  
ISO 13485:2003, FDA 21CFR820, CMDR & JPAL  
**Keypad:**  
Sealed membrane  
**Cleaning:**  
Cold liquid or autoclave @ 137°C  
**Recycling:**  
5-year design life

## Ordering Info:

**Catalogue No.**

75000	Vitalograph 2120
28350	BVF™ (50)
20242	SafeTway® Mouthpieces (200)
20980	Mini SafeTway® Mouthpieces (50)
20991	Long SafeTway (130)
20303	Disposable Noseclips (200)
42084	Flow Conditioning Mesh (10)
2100666	Ink Jet Printer (cable not included)
2120505	Intelligent Printer Cable
20979	Instrumentation Briefcase
70000	Spirotrac® IV Software
36020	3-L Precision Syringe
14002	Half Day Operator Training

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