

FUTUREMED

makes the difference

True flow technology

- sensor is never in contact with the sample
- true flow is absolute flow (no influence by contamination, humidity, droplets, temperature)
- true flow is also used by major OEM manufacturers (Ventilators, Anesthesia, Spirometers etc.)



Endorsed, worldwide proven

- by NASA, MIR space programs in use for crew monitoring in outer space
- ATS, ERS, CSA, JAPAN, FDA, CE, NIOSH, OSHA, GOLD, BOLD, Platino
- drug makers for clinical and marketing studies
- major Asthma / COPD drug companies
- top references in USA, EU, Japan, Asia, Australasia, Latin America

CE
0120

Keypad

- alpha numeric
- data entry like cell phone



Cradle (base station)

- for standby positioning of the **EasyOne™**
- for communication from the **EasyOne™** :
 - directly to printer, serial or USB
 - to PC (by the **EasyWare™** software)
 - to modem / telephone (studies, home use etc.)
 - direct encrypted e-mail transmission



EasyOne Screen™

- for connection of the **EasyOne Screen™** to a PC
 - direct real time FV and FT curve
 - reject / accept feature
 - children incentive screen

Lowest running costs

- no costly calibration nor any other maintenance
- no down time



spirette™

- the best docking for adults and children
- hygienic single patient consumable for full contamination control



Vast memory

- up to 700 patients (first in first out)
- secured memory, no accidental loss when battery low
- multiple units may be used with one cradle and one **EasyWare™** PC software



Report

- plain paper A4 or letter size in colors with clear and lasting print
- ready to be filed and stored
- direct USB connection to printer
- export to 'word', 'excel' etc.




Battery powered

- 2 AA standard batteries last for approximately 400 tests
- no need for re-charging, no down time
- works everywhere, any time



EasyOne Specifications

EasyOne Model 2001 Diagnostic Spirometer

Dimensions:	3.3 x 6.2 x 1.7 inches (83 x 158 x 43 mm)
Weight:	9 ounces (245 g)
Accuracy:	Volume: $\pm 2\%$ or 0.050 L Flow: $\pm 2\%$ or 0.020 L/s PEF: $\pm 5\%$ or 0.200 L/s MVV: $\pm 5\%$ or 5 L/min
Resolution:	Volume: ≥ 1 ml/s Flow: 4 ml/s
Range:	Volume: ± 12 L Flow: ± 16 L/s
Resistance:	approx. 0.3 cm H ₂ O/L/sec
Display:	64 x 160 pixel graphic display
Data Entry:	14-button rubber keypad with tactile feedback
Data Storage:	700 patient memory
Test Types:	FVC, FVL, SVC, MVV, Post Medication Comparison
Parameter:	FVC test: FVC, FEV1, FEV3, FEV6, FEV1/FVC, FEV1/FEV6, FEV/VC, FEV1var, FEV6var, FVCvar, FEF75, FEF50, FEF25, FEF25-75, PEF, Tzero, BEV, EOTV, PEFT, FET FVL test: FIVC, PIF, FIF75, FIF50, FIF25 SVC test: VCmax, VCin, VCex, IC, ERV, IRV, VT, Rf MVV test: MVV, BPM
Mouthpiece:	Disposable spirette [®] breathing tube
Measurement Principle:	Ultrasound Transit Time Analysis
Predicted Normals:	NHANES III, Knudson 1983, Knudson 1976, Crapo, Morris, Cherniak, ERS (ECCS), Roca (Spain), Forche (Austria), Sapaldia (Switzerland), Berglund, Gulsvik, Hedenström, Asia 1-4, JRS 2001, Gore/Crocket, Pereira Pediatric: Dockery, Hsu, Zapletal, Hibbert
Power:	(2) AA batteries
Battery Life:	Approximately 400 Tests
Protocol:	8½ x 11", in connection with a HP, Canon or Epson printer
Storage / Operating Range:	Temperature: -40 to 70 °C 0 to 50 °C Relative humidity: 10% to 95% 0% to 95% Ambient pressure: 500 to 1060 hPa 500 to 1060 hPa
Device Compliance:	ATS/ERS Standards CE certificate; CSA certificate; FDA
Equipment Classification:	 Type BF Equipment
	Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.

EasyOne Model 2010 Cradle

Dimensions:	4.7 x 6.8 x 3.3 inches (119 x 173 x 83 mm)
Weight:	10 ounces (284 g)
Power:	From batteries in spirometer, when connected
Function:	Connects EasyOne Spirometer to printer or PC
Interface:	USB directly to printer and USB to PC
Storage / Operating Range:	Temperature: -40 to 70 °C 0 to 50 °C Relative humidity: 10% to 95% 0% to 95% Ambient pressure: 500 to 1060 hPa 500 to 1060 hPa

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