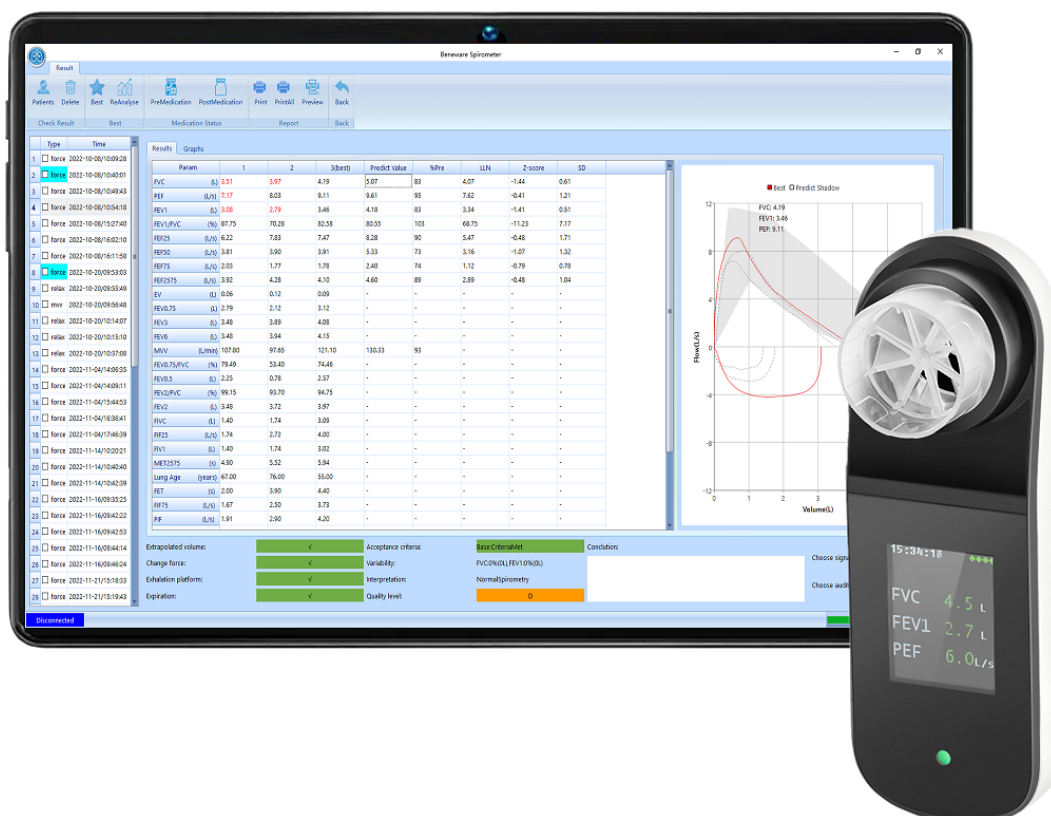


EP-LU10011 SP-11 Wireless Spirometer "EUROSPIRO"



N.B. Product is subject to change without prior notice. The actual product might differ from the pictures here shown.

Description

EUROSPIRO SP-11 is the new solution for spirometry according to BTPS. It features A Bluetooth interface, digital bi-directional turbine, and a color display.

EUROSPIRO SP-11 Supports forced, relaxed and MVV vital capacity measurements. 3 measurement modes.

Supports real-time monitoring of device connection and correction of body temperature and saturated pressure (BTPS).

Supports flow-volume curve (volume velocity loop) and volume-time curve (vital capacity-time curve). Detects up to 50 analysis parameters such as FVC, PEF, FEV1, FEV1/FVC, FEV6 lung age, etc. Supports detection, automatic diagnosis and end of exhalation.

EUROspiro SP-11 is compatible with

BOFAP®

The only cardboard AVB Filter!

Designed, patented and manufactured by LUMED®

Technical features				
Brand, model	Beneware SP-11			
Ergonomy	Hand-held			
Transducer	Bi-directional digital Turbine			
Temperature Sensor	Semiconductor, 0°-45°C			
Volumes	0 to 10 litres, accuracy ±3% or 50 ml			
Flows	-16 to 16 liters/secs, accuracy ± 5% or 200 ml/s			
BTPS	Automatic BTPS correction is included (Body Temperature and Pressure Saturated)			
Resistance at 12 l/s	< 0.5 cmH2O/l/s			
Predicted Values	GLI, ECCS, Austrian-Forche, Multicentrico de Barcelona, Polgar 71 e 79, Morris, Austrian Reference Values, Crapo, Cherniak, Knudson, Ulmer, Baur, Hankinson (Caucasian/Asiatic, Afro-American, Latin American), Schindl, Zapletal, Zhejiang, Chinese			
Acceptance Criteria	ATS, ERS, BTS			
Interpretation	ATS/ERS 2005, NICE 2010, ARTP			
Parameters	✓ *FVC ✓ *FEV1 ✓ *PEF ✓ FVC ✓ FEV1 ✓ FEV1/FVC ✓ FEV1/VC ✓ PEF ✓ PEF Time ✓ FEF2575 ✓ FEF7585 ✓ FEF25 ✓ FEF50 ✓ FEF75 ✓ FEV05 ✓ FEV05/FVC ✓ FEV075 ✓ FEV075/FVC ✓ FEV2 ✓ FEV2/FVC ✓ FEV3 ✓ FEV3/FVC ✓ FEV6 ✓ FEV1/FEV6 ✓ FEV1/PEF ✓ FEV1/FEV0.5 ✓ FET ✓ EVOL ✓ FET ✓ IC ✓ ERV ✓ IRV ✓ VT ✓ VE ✓ Rf ✓ tl ✓ tE ✓ TV/tl ✓ tl/tTOT ✓ MVV ✓ ELA * best values			
Interface	Bluetooth (SP-11), USB, color display, On/Off button (SP-11)			
Languages	Italiano, English, Spanish, French, German, Portugues, Polish, Russian.			
Protection Grade	IPX0			
Size & Weight	144,5 x 52 x 28,5 mm; 100 grams			
Environmental Requirements	Temperature 5°-40°C, Humidity < 80% , Atmospheric Pressure 700-1060 hPa			
Safety/Protection	Class II, BF Type			
Power	2x AAA alkaline batteries			
Manufacturer	Suzhou Beneware Medical Equipment Co., Ltd.			