

Specifications

Item	Specification
Dimensions and weights	
Flow transducer	1.5 x 1.2 x 3.3 in. (37 mm x 30 mm x 85 mm) 0.4 oz (12 g)
Pressure tubing	2.2 yd (2 m) 0.9 oz (25 g)
Sensor	1.2 x 4.3 x 0.6 in (31 mm x 108 mm x 14 mm) 0.9 oz (25 g)
Tests	FVC, pre- and post-bronchodilator
Flow technology	Pneumotach
Power equipment	Powered by CP150 electrocardiograph via USB port (no battery)
Current consumption	50 mA Max (30 mA typical)
Accuracy	Compliant with ATS/ERS 2005 guidelines. Compliant with ISO 26782 guidelines.
Reproducibility	Compliant with ATS/ERS 2005 guidelines. Compliant with ISO 26782 guidelines.
Flow range	0–14 L/s
Predictive norms	Berglund 1963, Crapo 1981, ECCS / Quanjer 1993, Falaschetti 2004, Forche II, Gore 1995, Gulsvik 2001, Hedenström 1986, Knudson 1976, Knudson 1983, Kory 1961, Morris 1971, NHANES III 1999, Paoletti 1986, Roca 1986, Schoenberg 1978, Viljanen 1981
Interpretation	1991 ATS interpretation standards Lung age calculation can be enabled or disabled. Automatic interpretation can be enabled or disabled. User-definable interpretation statements are also available to be added manually.

Item	Specification
Reports	
FVC testing	Volume/time curve Flow/volume curve Both volume/time and displayed curves No curves None
Parameters	
FVC testing	FVC, FIVC, FIV1, FIV1%, FEV0.5, FEV1, FEV2, FEV3, FEV5, FEV6, FEV1/FEV6, FEV0.5%, FEV1%, FEV2%, FEV3%, FEV5%, FEV6%, PEF, FEF25, FEF50, FEF75, FEFO.2-1.2, FEF25-75, FEF75-85, PIF, FIF50, FEF50/FIF50, FET
Quality checks	Effort acceptability and test reproducibility checks. Effort-quality messages and test-quality grades. Visual incentive for assistance in coaching patients.
Connectivity	Compatible with CardioPerfect workstation.
Electrocardio protection against ingress of water, per IEC 60529	IPX0
Spirometer protection against ingress of water, per IEC 60529	IP20
Protocols	PCP (primary care practitioner), NIOSH, None
Environmental operating conditions	
Temperature	+10° C to +40° C (+50° F to +104° F)
Relative humidity	15 - 95% noncondensing (30 - 70% for printing)
Atmospheric air-pressure limits	700 - 1060 hPa
Environmental storage conditions	
Temperature	-20° C to +50° C (-4° F to +122° F)
Relative humidity	15 - 95% noncondensing
Atmospheric air-pressure limits	700 - 1060 hPa

Specifications are subject to change without notice.