



	SMART	AIR	FLO
Device type	Stand-alone Spirometer	Wireless Spirometer	PC Spirometer
Dimensions of the device	37×80×92 mm	45×73×95 mm	28×61×94 mm
Dimensions of the flow tube	Ø30×165 mm	Ø30×125 mm	Ø30×165 mm
Weight	184 grams	142 grams	122 grams
Built-in display	320×240 pixels	×	×
Carrying case	Included	Included	Included
Real-time measurement on pc	✓	✓	✓
Real-time measurement on mobile devices	×	✓	×
Power supply	Rechargeable battery (Internal 3.7 V Li-Ion battery)	Rechargeable battery (Internal 3.7 V Li-Ion battery)	USB Socket of PC
Battery charger	Included	Included (Qi wireless)	Not Required
Post BD	✓	✓	✓
Memory capacity	more than 4000 patients and/or measurements	Uses PC/phone memory	Uses PC Memory
Included software	SpiroReporter*	SpiroSonic App	SpiroReporter
Printing	via USB interface / Bluetooth*	via SpiroReporter or App	via SpiroReporter
Connectivity	USB, Bluetooth*	Bluetooth 4.0 Low Energy	USB
USB to printer	✓	×	×
USB to PC	✓	×	✓
Bluetooth to PC	✓*	✓	×
Parameters evaluated by the device	FVC, PEF, ELA, FEV1, FEV3, FEV6, FEV1/FVC, FEF25, FEF50, FEF75, FEF2550, FEF2575, FEF5075, FET, PEFT, FVC, FIV1, FIV1/FVC, FIT, EV, ET, PIF, VC, IC, ERV, IRV, TV, TI, TE, VE, RR, TV/TI, TE/TI, MVV	×	×
Evaluated parameters on SpiroReporter PC software	AEX, ELA, EOTV05, EOTV1, ERV, EV, EV%FVC, FEF25, FEF50, FEF50/FIF50, FEF50%FIF50, FEF75, FET, FEV05, FEV05%FVC, FEV075, FEV075/FVC, FEV1, FEV1%FEV6, FEV1%FVC, FEV1%FVC, FEV2%VCMAx, FEV3, FEV3%FVC, FEV6, FEV1/FVC, FIF25, FIF50, FIF75, FIT, FIV1, FIV1%FVC, FIVC, FVC, IC, IRV, IVC, MMEF2550, MMEF2575, MMEF5075, MVV, PEF, PEFT, PIF, RR, TE, TE/TI, TI, tR, TV, TV/TI, VC, VE, VPEF, ZeroTime		
Evaluated parameters on SpiroSonic App	×	FVC, FIVC, FEV1, FEV05, FEV075, FEV3, FIV1, FEV6, EV, EOTV05, EOTV1, PEF, PIF, FEF25, FEF50, FEF75, FIF25, FIF50, FIF75, MMEF2550, MMEF2575, Zero Time, FET, PEFT, FEV075%FVC, FEV1%FVC, FEV1%FVC, FEV3%FVC, FEV1%FEV6, FIV1%FVC, ELA	×
Flow/volume measurement system	PureFlow technology	PureFlow technology	PureFlow technology
Measurement principle	PureFlow ultrasonic multiple-path	PureFlow ultrasonic multiple-path	PureFlow ultrasonic multiple-path