



Uscom (THOR Lab)



# SpiroSonic FLO

Ultrasonic spirometry partnered with SpiroReporter software for a complete PC solution.

## SpiroReporter

The SpiroReporter is an innovative software solution that provides a digital platform to archive patient examinations and images, trend progress over time, analyse spirometry outputs and generate summary reports.

### Features

- Multi-path digital **ultrasonic** technology
- Automatic internal calibration
- Low flow resistance
- Digital voice guided operation
- Diagnostic support
- Simple and effective disinfection

### Specifications

Volume Accuracy	± 3% or 50 mL whichever is greater
Flow Accuracy	± 3% or 50 mL whichever is greater
Maximum Volume	± 20 L
Flow Range	± 14 L/sec
Flow Tube Dimensions	Ø30×165 mm
Device Dimensions	30×60×95 mm
Device Weight	135 grams
Communication Port/Interface	Connection to PC via USB or RS232 (optional)

### Parameters Evaluated with SpiroReporter Software

Standard pulmonary function parameters	FVC Report: FEV1, FVC, FEV1/FVC, PEF, FET, FEV3, FEV3/FVC, FEV05, FEV075, FEV05/FVC, FEV075/FVC, FEV6, FEV1/FEV6, FEF25, FEF50, FEF75, MMEF2550, MMEF2575, PEFT, FEV1/FIVC, FIF25, FIF50, FIF75, FIV1, FIV1/FIVC, FIVC, PIF, ELA, EOTV05, EOTV1, EV, Zero' Time
	VC Report: VC, IVC, IC, ERV, IRV, TV, TI, TE, VE, RR, TV/TI, TE/TI
	MVV Report: MVV
Insp/Exp Ratio	1:10 to 10:1



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