

# SpiroSonic MOBILE

SpiroSonic MOBILE has Bluetooth connectivity for advanced spirometry anywhere, anytime.

Optimal lung function depends on accurate diagnosis and preventive therapies. That's why so many pulmonologists, and general practitioners around the globe rely on Uscom SpiroSonic spirometers for comprehensive pulmonary function analysis, and diagnostic support.

Uscom SpiroSonic MOBILE offers accurate, portable and user-friendly spirometry, making it suitable for children, elderly and sick patients. Appropriate monitoring of pulmonary function can help manage the disease and enable people to enjoy a better quality of life.

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For Every  
Breath You Take

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### Features

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

### Specifications

|                             |   |
|-----------------------------|---|
| Volume Accuracy             | ± 3% or 50 mL whichever is greater  |
| Flow Accuracy               | ± 3% or 50 mL/s whichever is greater                                      |
| Maximum Volume              | ± 20 L  |
| Flow Range                  | ± 14 L/sec  |
| Dimensions of the Flow Tube | Ø30 × 165 mm  |
| Dimensions of the Device    | 35×80×90 mm   |
| Device Weight               | 160 grams   |
| Communication               | Bluetooth connectivity to Android mobile/tablet devices                   |
| Battery                     | Internal 3.7V Li-Ion battery (rechargeable via 5V 500mA mini USB charger) |

### Parameters Evaluated with SpiroSonic Android Application (SpiroApp)

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|--|--|
| Standard pulmonary function parameters                                   | FVC Report: FVC, FIVC, FEV1, FEV05, FEV075, FEV3, FIV1, FEV6, EV, EOTV05, EOTV1, PEF, PIF, FEF25, FEF50, FEF75, FIF25, FIF50, FIF75, MMEF2550, MMEF2575, ZeroTime, FET, PEFT, FEV075/FVC, FEV1/FVC, FEV1/FIVC, FEV3/FVC, FEV1/FEV6, FIV1/FIVC, ELA |
| *Parameters may vary subject to software version and mobile/tablet used. | 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   |

### SpiroApp

The SpiroSonic MOBILE is supported by the SpiroApp (Android mobile and tablet); an innovative software solution that provides remote tele-monitoring of pulmonary disease.

### Features

- Intuitive interface
- Export PDF report

### Optional Extra

- Wireless thermal printer for use with SpiroSonic MOBILE

