



Always connected wireless,
with extremely low battery consumption.

Smart One[®]

Peak Flow and FEV1
now available on your Smart Phone

Simple and lightweight to carry on the go
Smart One[®] has been designed to satisfy the growing demand for wireless devices capable to connect to the new generation of Android and iOS Smart Phones and Tablets



Ideal for monitoring respiratory illnesses and in the self management of Asthma, COPD, Lung Transplant care, Cystic Fibrosis and for use in Clinical Trials



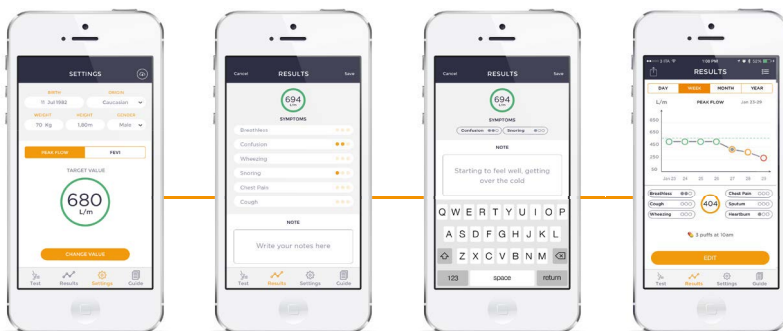
MIR SMART ONE



New turbine flowmeter with plastic mouthpiece for personal use easy to remove for cleaning



MIR Smart One App includes an exclusive Incentive for adults and children based on both exhaled Flow and Volume that is helpful in improving subject's compliance



OEM Versions Available
MIR offers SDK API to allow third party developers to run their own App

Graphic trend of Peak Flow or FEV1
Symptoms selection and easy scoring system with the option of multiple tapping to identify the intensity

*FDA clearance pending



SMART ONE

Smart phone enabled homecare spirometer

The Smart One® is a low-cost, home spirometer offering a basic level of screening that utilises bluetooth technology to connect directly to a smart phone. Using the Smart One® app, users can record Peak Flow and FEV1 measurements in the comfort of their own home with the ability to send results electronically to their healthcare advisor.

It is designed to be used as a self-monitoring tool for those with a respiratory condition and as a wellness product for the health conscious.

Basic screening with real spirometry technology.

Although the Smart One® only measures Peak flow and FEV1, it uses exactly same technology as a diagnostic spirometer. As a result, the Smart One offers a higher level of performance and accuracy than conventional peak flow meters.

Thanks to the simplicity of the Smart One® app, the user is able to easily choose between which test they would like to perform, customise settings, track results as well as the ability to send test data electronically to their healthcare specialist.

The intuitive smart one app is kept simple but smart.

Inputting the user's age, origin, weight, height and sex in the settings menu allows the app to calculate a target value and set pre-determined ranges for the traffic light health indicator. When a user conducts a peak flow test, the target value is displayed as an incentive.

After the test is complete, the user is able to apply notes about their symptoms either from a pre-defined list or typed in manually. Test results are stored on the app with the ability to track and trend over set periods.

KEY FEATURES

- **Smart phone based home spirometry**
A more convenient way of self-monitoring and management of respiratory illnesses measuring Peak Flow and FEV1.
- **Ultimate alternative to a conventional peak flow meter**
Utilises same technology as that found in diagnostic spirometers
- **Traffic light health indicator**
Indicator to determine a good quality test
- **Target values for patient compliance**
User profile information is used to set a benchmark value to aim for when performing a test.
- **Results are stored and can be shared**
Track progress over time. Easily send test results to a healthcare professional

MIR Smart One®

TECHNICAL SPECIFICATIONS	
Device category	Digital peak flow/FEV1 meter
Spirometry parameters	FEV1, PEF
Maximum volume measured	10 L
Flow range	± 960 L/minute
Volume accuracy	± 3%
Flow accuracy	± 5%
Dynamic resistance at 12 L/s	< 0.5cm H ₂ O/L/s
Data transmission	Bluetooth® Smart (4.0 or higher)
Power	2 x 1.5v AAA alkaline batteries
Dimensions	109 x 49 x 21 mm
Weight	60.7g (with battery)

Ordering Information

PART NUMBER	DESCRIPTION
MR-911100	MIR Smart One® homecare spirometer
MR-910002	Replacement re-usable turbine
MR-910004	Disposable turbines (Box of 50)
881002	One-way valve adult mouthpieces for re-usable turbine (Box of 200)

