

Quick Reference Guide

Smart One

Pocket Spirometer



Intended Use

The MIR Smart One spirometer is intended to be used as an over-the-counter device by a patient under the prescribed use of a physician. The equipment is intended to test lung function and can perform tests in adult and pediatric patients greater than 5 years.

The Smart One spirometer has been designed for use directly by the patient to monitor her/his physical conditions at home.



Warnings

A more complete listing of warnings are found in the Instructions for use.

The disposable turbine is made of plastic with paper mouthpiece and its disposal after use should adhere to the local regulations and norms in force.

The accuracy of the reusable turbine can only be guaranteed if it has been cleaned in the correct manner and is free from foreign bodies. Weekly cleaning should only be done when the equipment is for personal use and will only be used by one patient. The cleaning of the turbine should be performed according to the instructions contained in this User's Manual.

Welcome

Under the care of your physician, you have purchased the MIR Smart One for your home use. The tests you complete will help you and your physician see how well your lungs function.

We are here to help

If you have any difficulty completing a test, call your physician for assistance.

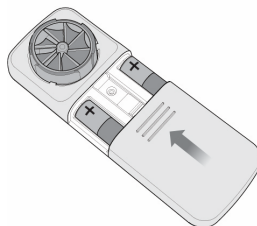
If the Smart One does not work properly, call the MIR help line at **1-262-565-6797**

Please make sure that the turbine is all the way in and twisted to the right in the locked position and that the batteries are tested before use.

Let's get started

Preparing your MIR Smart One

Your Smart One already comes assembled. All you need to do is install the batteries.



Download the Smart One App

Select camera app

Take picture of QR Code

Download app



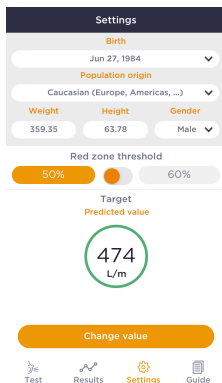
Requires iOS 11.0 or later



Requires Android 5.0 or later

First setup

Enter your information



Settings

Birth
Jun 27, 1984

Population origin
Caucasian (Europe, Americas, ...)

Weight 359.35 Height 63.78 Gender Male

Red zone threshold
50% 60%

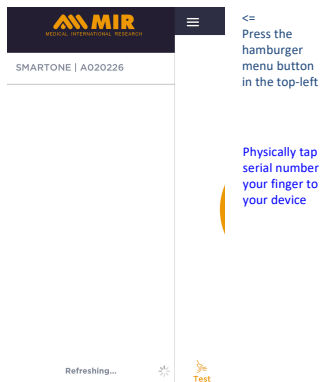
Target
Predicted value
474 L/m

Change value

Test Results Settings Guide



Connect to Smart One



SMARTONE | A020226

Press the hamburger menu button in the top-left

Physically tap the serial number with your finger to sync your device

Refreshing...

Test

Turbine choice

Make sure that the Smart One is provided with the orange turbine and is twisted to the right in the locked position.

Additional replacement turbines and mouthpieces are available for purchase.



Spirometry Peak Flow/FEV1 Test

Test is best done while standing or sitting still.

Carefully follow the indications provided by the App before starting.

Select Start Test
on Home Screen



Blow properly



Flow bar appears
during test



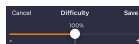
Test results




Switching The Difficulty

Tests can be given an easier or more difficult setting based on the needs of the patient.

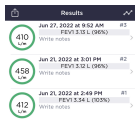
Press the +/- symbol at the
top-right of the screen once
the test is open



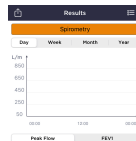
Choose the correct
difficulty setting for
the patient who is
testing

View your data 
Go to results list

List of results



See a set of results



Test Results Settings Guide

Test Results Settings Guide

Note: Refer to the Smart One manual for more information about the measurements

Send a result to your physician  

You can send a report to your physician from your Smartphone.

The spirometry results can then be analyzed by a clinician and findings will follow.

List of results

View data

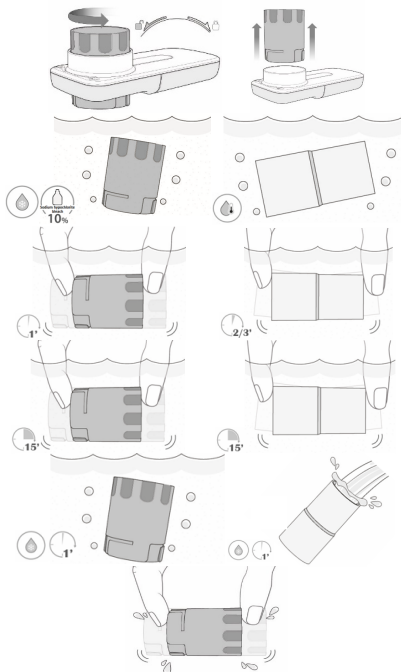
Send report to physician



MIR Smart One application shows the user all App available on the Smartphone to share the reports with your physician.

Cleaning

1. Rotate the turbine and mouthpiece counterclockwise to separate it from handheld unit
 2. Mix $\frac{3}{4}$ cup of Clorox™ bleach (7.5%) in one quart of water.
Place turbine in solution
Place mouthpiece in warm water
 3. Shake the turbine so as to remove any impurities for at least 1 minute and the mouthpiece for 2-3 minutes
 4. Leave the turbine and the mouthpiece immersed for 15 minutes.
 5. Rinse turbine and mouthpiece in clean water for 1 minute
- Warning. Do not place turbine in running water. It may damage the unit**
6. Shake off the excess water from the turbine and let it dry. Position the turbine and the mouthpiece vertically on a dry surface.



Clean the electronic unit with a damp cloth from the same Clorox dilution.

DO NOT SUBMERGE THE DEVICE. Let the device dry, then clean the device with a damp cloth.

List of Cautions and icons: A complete set of cautions and icons are found in the Smart One manual.