



Durable, ultra-lightweight and easy to use



Accurate, precise and designed for children and adults



Integrated PAP (Patient Action Plan)



Meets all international ISO standards for portable Peak Flow Meters



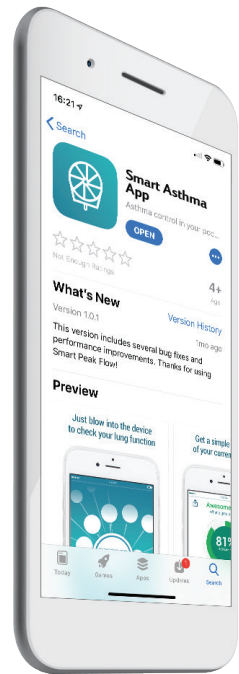
Bluetooth connectivity



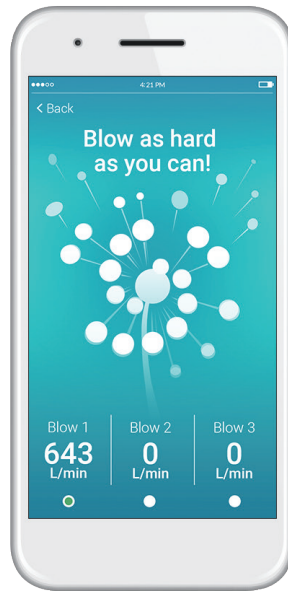
Download the Smart Asthma app on your smartphone



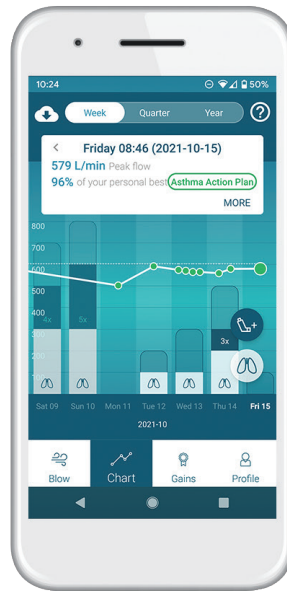
Asthma Control in your Pocket



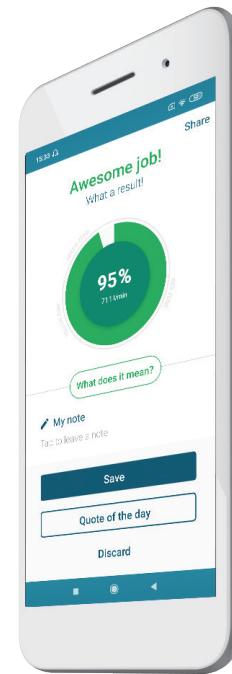
Download



Blow



Track



Share

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www.smartrespiratory.com

export@smartrespiratory.com

Smart Respiratory Products Ltd.
Imperial White City Incubator, (I-HUB)
84 Wood Lane, London W12 0BZ, United Kingdom

SMART PEAK FLOW

Digital Peak Flow Meter

PRODUCT DATA SHEET

Version ENGv04 Date of Release: 02/11/2021

SMART PEAKFLOW

is a compact digital peak expiratory flow meter (PEFM) that **connects to any Android and iOS** smartphones.

Using the Smart Peak Flow app, **users can take and record their peak flow measurement in the comfort of their own home** and share the results with their healthcare professional.

The smartphone enabled device **is designed to be used as a self-monitoring tool** for those with a respiratory condition (asthma).



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The Gold Standard in HOME ASTHMA MANAGEMENT

Peak flow monitoring is recognised as the gold standard in asthma management. Keeping accurate peak flow records manually has proven to be difficult, if not impossible. With Smart Peak Flow's automatic recording and visual charting, users and healthcare professionals can finally say goodbye to unreliable data and paper charts.

Smart Peak Flow has simplified asthma homecare by bringing it directly into the hands of patients across the world. Using exactly the same technology as a diagnostic spirometer, the small device guarantees more accurate peak flow measurements than mechanical peak flow meters.



Smart technology THAT FITS IN THE PALM OF YOUR HAND

Whilst the ergonomic and light-weight design makes Smart Peak Flow comfortable to hold and easy to carry around, the user-friendly interface of the app makes it remarkably easy and intuitive to use. The device does not even require additional batteries to operate.

The app will ask the user to perform three blows and will save the highest of the three values as the result. After the test is complete, the user is able to manually save notes about their symptoms. Test results are then shown in a Chart view, where users can get an excellent overview of the progress of their condition.

Technical specifications SMARTPEAKFLOW

Key Features

- Universal 60-800 L/min range
- Easy to set up
- Android and iOS compatible
- Simple to use
- Traffic light health indicator
- No paper charts
- Track progress over time
- Set reminders
- Share results
- Ergonomically designed detachable mouthpiece
- Bluetooth technology

Device category:	Digital peak expiratory flow meter (PEFM)
Measurement principle:	Light interruption
Applicable source of light:	Volfram-, halogen-, LED and natural light
Required strength of illuminance:	Min. 100 lux
Communication interface:	Bluetooth technology – 3.5mm audio jack
Power source:	Connected smartphone's battery
Voltage supply:	Max. 5V DC
Measurement range:	60-800 L/min
Accuracy:	± 10%
Dimensions:	Turbine: 54x32x39mm Mouthpiece: 39x33x33mm
IP protection level:	IP22
Operating conditions:	Temperature: min. 0° C, max. 50° C Humidity: min. 10% RH; max. 95% RH