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**rossmax**

**rossmax PF120 A, C Peak Flow Meter**



## Specifications

Measurement Range	PF120 A : 60-800 L/min BTPS PF120 C: 50-400 L/min in BTPS
Accuracy	$\pm 10$ L/min or $\pm 10\%$ of reading (whichever is greater)
Repeatability	$\pm 5$ L/min or $\pm 5\%$ of the reading (whichever is greater)
Storage Condition	10-35 °C, 30-75% RH
Max resistance	0.00384 kPa/L/min@ 720 L/min
Altitude effects on the Peak Flow Meter (and on the expired air)	Lowers readings by approx. 5% per 1000m, (decreased air density increases PEF by approx. 5% per 1000m)
Frequency response	Profile A/B difference less than 15 L/min or 15% (whichever is greater)

## Introduction

Rossmax Peak Flow Meter is used to measure peak expiratory flow rate (PEFR), an important indicator of your lung function. A Peak Flow Meter should be used for monitoring respiratory conditions such as asthma. Taking peak flow measures every day and keeping a record of the peak flow measures in your “peak flow diary” can help you and your physician make important decisions about your treatment. You should use this meter and set its colour zone indicators according to a treatment plan developed for you by your physician. Please download the peak flow record chart from our website, [www.rossmax.com](http://www.rossmax.com). It is important to keep your peak flow meter clean when in use.



**Attention:** Consult the accompanying documents. Please read this manual carefully before use. For specific information on your own PEFR, contact your physician. Please be sure to keep this manual.

## How to use

- Set the red indicator to the bottom of the scale.
- Stand up, take a deep breath, place your mouth around the peak flow meter and hold it horizontally; your lips form a tight seal.
- Blow the air out as hard and as fast as possible. The number where the indicator stops is your peak measurement.
- Note: Coughing and spitting into the meter will adversely affect your reading and should be avoided.
- Repeat steps 1, 2, and 3 twice more to obtain three readings. Record the highest reading in your daily record chart.

## **Troubleshooting**

Examine the peak flow meter regularly to make sure it is working properly. The moving parts should function smoothly and freely, and the indicator should remain in place when moved to a position of scale. If unusual readings are obtained, consult your doctor.

Please contact Rossmax service if necessary. With proper care, avoid crushing and keep it clean and dust-free, your peak flow meter should last at least one year and up to three years. Suggest replacing a new unit.

## **Clean and disinfection**

Clean at least once every week by immersing the peak flow meter in warm (but not hot) mild detergent water solution for 2-3 minutes (max 5 minutes). Agitate the meter to ensure thorough cleaning. Rinse in clean warm water and shake gently to remove any excess water and air dry completely before using again. Do not boil the meter for disinfection.

## **Caution**

Using a peak flow meter to monitor respiratory conditions such as asthma should be under the care of a physician. A peak flow meter is intended for single patient use unless it is cleaned thoroughly after each use, and disposable mouthpieces are used. Mouthpieces are available.

## **How to record your peak expiratory flow rate**

This meter was designed to make following your asthma treatment plan easy. Your doctor will set the colour zone indicators to your personalised zones based on your personal best peak expiratory flow rate value (the best peak flow value You can achieve).

**Note:** Do not change the position of the colour zone indicators yourself. If this should occur inadvertently, contact your doctor or specialist nurse for advice. Reading should be taken twice a day, first in the morning and at bedtime, or as directed by your physician. When you blow into your peak flow meter, the indicator will rise to your peak flow value. Your peak flow measurement will fall into one of three zones.

- Green – Follow your regular medication plan, and go ahead with normal activities (80-100% of best reading).
- Yellow – Caution, your asthma might be worsening. Follow your medication instructions to get back to your green zone (50-80% of best reading).
- Red – Medical alert, get medical advice and attention immediately (< 50% of best reading).

### Warranty Card

This instrument is covered by a 2-year guarantee from the purchase date. The guarantee is valid only on presentation of the guarantee card completed by the dealer, confirming the date of purchase or the receipt. Opening or altering the instrument invalidates the guarantee. The guarantee does not cover damage, accidents or non-compliance with the instruction manual. Please contact your local seller/dealer or [www.rossmax.com](http://www.rossmax.com)

- Customer Name:

\_\_\_\_\_

- Address: \_\_\_\_\_

- Telephone: \_\_\_\_\_

- E-mail address:


\_\_\_\_\_

- Product Information


- Date of purchase:

\_\_\_\_\_


- Store where purchase

 Shanghai Everpure Medical Plastic Co., Ltd.

No. 2418 Tingfeng Rd., Xinnong Town,  
Jinshan District, 201503 Shanghai, China


 CMC Medical Devices & Drugs S.L.  
C/ Horacio Lengo Nº18, CP29006, Málaga, Spain


## Documents / Resources

	<a href="#">rossmax PF120 A, C Peak Flow Meter [pdf]</a> Instruction Manual PF120 A C Peak Flow Meter, PF120 A C, Peak Flow Meter, Flow Meter, Meter
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## References

- [User Manual](#)

 Flow Meter, Meter, Peak Flow Meter, PF120 A C, PF120 A C Peak Flow Meter,

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[rossmax AS175 Anti-Static Valved Holding Chamber User Manual](#)

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