



The Rossmax PF120C is a compact, lightweight mechanical peak flow meter designed for children, with a measurement range of 50–400 L/min and a built-in adjustable three-zone management system. EN ISO 23747:2009 compliant and CE approved, it provides accurate, repeatable peak expiratory flow monitoring for paediatric asthma management in clinical and home settings.

Paediatric-Scaled Three-Zone System for Asthma Action Plans

The PF120C uses an adjustable colour-coded three-zone indicator – green (good), yellow (caution), red (danger) – calibrated to each child's personal best reading. The 50–400 L/min measurement range is specifically scaled for paediatric lung volumes, unlike adult meters which begin at 60 L/min and may underread or fail to register in younger or smaller patients. Easy-to-read graduated numbers on the scale allow children, caregivers, and school nurses to interpret readings quickly, supporting consistent use of written asthma action plans without clinical interpretation at every reading.

EN ISO 23747:2009 Compliant with Accuracy Assurance

Like the adult PF120A, the PF120C is manufactured to EN ISO 23747:2009 – the international standard governing peak expiratory flow meter performance – and carries CE approval. This compliance confirms measurement accuracy and repeatability across the full paediatric range, providing clinicians with reliable serial measurements for monitoring asthma severity, assessing bronchodilator response, and identifying early deterioration in paediatric patients.

Washable, Portable, and Battery-Free

The PF120C requires no batteries or electronics – a mechanical design that eliminates device failure due to power in any care setting, including home, school clinic, emergency department, and general practice. The washable body supports hygienic reuse between sessions, and the unit is compatible with disposable mouthpieces for multi-patient environments. Its compact, lightweight form is easily carried in a bag by child patients or caregivers for daily home monitoring. Storage is rated for 10°C–35°C at 30–75% RH.

Technical Specifications:

Specification	Value
Model	PF120C
Manufacturer	Rossmax International
Intended User	Children (paediatric)
Measurement Range	50–400 L/min
Three-Zone System	Yes – adjustable green/yellow/red indicators
Mouthpiece	Compatible with disposable mouthpieces
Washable	Yes
Power	None required (mechanical device)
Standard Compliance	EN ISO 23747:2009
Approval	CE
Storage Condition	10°C–35°C, 30–75% RH
Indications	Paediatric asthma monitoring, bronchodilator response assessment, home peak flow diary recording

SKU: VM-PFMCR