



4-year guarantee

PARI BOY® Pro

Technical datasheet

Efficient inhalation system for treatment of the lower airways for use in severe and chronic diseases of the airways



PIF Control Patented system

Technical data:

Alternating current: 220 – 240V, 50 Hz, **Pressure:** 1.6 bar, **Weight:** 1.7 kg, **Housing dimensions:** 18.5 x 13 x 15 cm (W x H x D), **Fill volume:** min. 2 ml, max. 8 ml, **Noise volume:** 54 db(A)

The PARI BOY Pro includes:

- PARI LC SPRINT nebuliser with PIF Control
- Blue nozzle insert for children aged 4+ and for adults
- Red nozzle insert for fine droplets
- LC interrupter for optional intermittent nebulising
- Mouthpiece with valve system
- Connection tube
- With corresponding accessories, suitable for all age groups



PARI PIF Control – Patented system:

PARI nebulisers are equipped with the PIF Control System. The PIF Control System is a breath sensory feedback system for the patient that automatically limits the inhaled air flow (PIF = Peak Inspiratory Flow). If the patient breathes in too quickly the valve reduces the size of the aperture in the nebuliser chamber. The patient perceives this as a resistance – a sign that he should breathe in more slowly for the rest of the session. So, the PIF Control System trains a slow, controlled inspiration resulting in effective drug deposition.

Aerosol characteristics			
Nozzle insert	Total Output Rate in mg/min	Median Mass Diameter in μm	Mass fraction < $5\mu\text{m}$
Inspiratory flow children (12l/min)			
Red	296 mg/min	2.2 μm	86 %
Inspiratory flow adults (20l/m)			
Blue	600 mg/min	3.5 μm	67 %
Red	450 mg/min	2.2 μm	89 %

Measurement with Malvern MasterSizer X at 23 °C and 50 % relative humidity. Nebulised medium: 0.9% NaCl (5 ml).




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PARI Year Packs

Compressor air filters should be replaced after 200 hours of use, or annually.

Nebulisers are available with different nozzle inserts, enabling droplet sizes to be tailored to each age or indication

- Different nozzle inserts produce different aerosol spectra
- Deposition is targetted to the desired region of the airways
- Can be used by a wide age range of patients and for a large variety of indications
- Efficiency and safety of the PARI LC SPRINT® nebuliser has been investigated in 50 scientific studies

Product	Target group/characteristics	Indications	Equipment	REF (Item No.)
PARI BOY Classic Year Pack 	Blue nozzle insert produces droplets for efficient deposition in the central region of the lungs in older children (from 4 years of age) and adults	Bronchial asthma/ Allergic asthma, Acute and chronic bronchitis, Atelectasis or bronchiectasis, COPD	PARI LC SPRINT® nebuliser (blue nozzle insert) with PIF Control, connection tubing, 2 air filters (one of them for the previous compressor version), mouthpiece	Western Europe 023G3211 IFU languages: de, fr, it, pt, es, nl, en Eastern Europe 023G3216 IFU languages: bg, cs, el, hr, hu, pl, ro, sk, sl, et, lt, lv
PARI BOY Junior Year Pack 	Yellow nozzle insert produces small droplets for small airways in babies and children. Additional red nozzle insert produces finest droplets for smallest airways.	Bronchial asthma/ Allergic asthma, Acute and chronic bronchitis, Atelectasis or bronchiectasis	PARI LC SPRINT® Junior nebuliser (yellow nozzle insert) with PIF Control, additional red insert, connection tubing, 2 air filters (one of them for the previous compressor version), mouthpiece	Western Europe 023G3311 IFU languages: de, fr, it, pt, es, nl, en Eastern Europe 023G3316 IFU languages: bg, cs, el, hr, hu, pl, ro, sk, sl, et, lt, lv
PARI BOY Pro Year Pack 	Blue nozzle insert produces droplets for efficient deposition in the central region of the lungs. Additional red nozzle insert produces finest droplets for peripheral areas of the lungs.	Bronchial asthma/ Allergic asthma, Acute and chronic bronchitis, Atelectasis or bronchiectasis, Pulmonary emphysema, COPD	PARI LC SPRINT® nebuliser (blue nozzle insert) with PIF Control, additional red insert, connection tubing, 2 air filters (one of them for the previous compressor version), mouthpiece	Western Europe 023G3011 IFU languages: de, fr, it, pt, es, nl, en Eastern Europe 023G3016 IFU languages: bg, cs, el, hr, hu, pl, ro, sk, sl, et, lt, lv

With the right accessories for efficient inhalation for all indications and age groups:

Product	REF (Item No.)
BABY mask incl. BABY bend size 0 (for premature infants)	041G0700
BABY mask incl. BABY bend size 1 (for approx. age 0–1 year)	041G0701
BABY mask incl. BABY bend size 2 (for approx. age 1–3 years)	041G0702
BABY mask incl. BABY bend size 3 (for approx. 3 years and older)	041G0703
Child mask soft "Spiggy"	041G0741*
Adult mask soft	078G5000*
Connection tubing, long	041B4587
PARI Filter/Valve Set	041G0500*
PARI Filter Pad, Pack of 30	041B0522
PARI Filter Pad, Pack of 100	041B0523
PARI Filter Pad, Pack of 1000	041B0524
PARI PEP S System	018G4000*
PARI LC Interrupter	022G1000

* incl. IFU Western Europe de, en, da, el, es, fi, fr, it, nl, no, pt, sv, tr



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