



4-year guarantee

PARI BOY® Junior

Technical datasheet

Efficient inhalation system for treatment of the lower airways of babies from the first month of life and infants



PIF Control Patented system

Technical data:

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

The PARI BOY Junior includes:

- PARI LC SPRINT Junior nebuliser with PIF Control
- Yellow nozzle for treatment of small children
- New: additional additional red nozzle for babies from birth and for young children with obstructive airways
- Mouthpiece with valve system
- Extra long connection tubing
- 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.

Aerosolcharacteristics			
Nozzle insert	Total Output Rate in mg/min	Median Mass Diameter in µm	Mass fraction <5µm
Inspiratory flow children (12l/min)			
Yellow	370 mg/min	2.9 µm	76 %
Red	296 mg/min	2.2 µm	86 %

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

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.)
<p>PARI BOY Classic Year Pack</p> 	<p>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</p> 	<p>Bronchial asthma/ Allergic asthma, Acute and chronic bronchitis, Atelectasis or bronchiectasis, COPD</p>	<p>PARI LC SPRINT® nebuliser (blue nozzle insert) with PIF Control, connection tubing, 2 air filters (one of them for the previous compressor version), mouthpiece</p>	<p>Western Europe 023G3211 IFU languages: de, fr, it, pt, es, nl, en</p> <p>Eastern Europe 023G3216 IFU languages: bg, cs, el, hr, hu, pl, ro, sk, sl, et, lt, lv</p>
<p>PARI BOY Junior Year Pack</p> 	<p>Yellow nozzle insert produces small droplets for small airways in babies and children. Additional red nozzle insert produces finest droplets for smallest airways.</p> 	<p>Bronchial asthma/ Allergic asthma, Acute and chronic bronchitis, Atelectasis or bronchiectasis</p>	<p>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</p>	<p>Western Europe 023G3311 IFU languages: de, fr, it, pt, es, nl, en</p> <p>Eastern Europe 023G3316 IFU languages: bg, cs, el, hr, hu, pl, ro, sk, sl, et, lt, lv</p>
<p>PARI BOY Pro Year Pack</p> 	<p>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.</p> 	<p>Bronchial asthma/ Allergic asthma, Acute and chronic bronchitis, Atelectasis or bronchiectasis, Pulmonary emphysema, COPD</p>	<p>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</p>	<p>Western Europe 023G3011 IFU languages: de, fr, it, pt, es, nl, en</p> <p>Eastern Europe 023G3016 IFU languages: bg, cs, el, hr, hu, pl, ro, sk, sl, et, lt, lv</p>

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



PARI GmbH
Moosstraße 3, 82319 Starnberg, GERMANY
E-Mail: export@pari.de
Phone: +49 (0) 8151 279 220
www.pari.com