

Finally, a relationship with
freedom to breathe.



PARI BOY® SX Family

- **Powerful Compressor** for short inhalation times
- Integrated **PIF Control** teaches good breathing practice
- The **size of droplets** can be selected according to therapeutical needs

PARI JuniorBOY® SX

The smart one – variable and gentle for the smallest patients

Children are not little adults. The PARI JuniorBOY® SX is therefore a good choice for inhalation therapy for babies as young as 1 month old and infants. BABY Mask and BABY Bend allow a relaxed and comfortable inhalation while sitting or lying. The PARI LC SPRINT® Nebuliser generates very small droplets for the smaller airways of the younger patients.

Ideal for the smallest patients

- ➔ Short inhalation time – **less than 7 min.** for 2.5 ml Inhalation Solution*
- ➔ Equipment for babies from the first months of age: BABY mask, BABY bend
- ➔ Effective inhalation with PARI LC SPRINT® Junior Nebuliser and fine droplets for the smaller airways of babies and infants
- ➔ No specific inhalation technique required

* Salbutamol

Aerosol characteristics:

Mass Median Diameter: 2.9 µm
Mass percentage below 5 µm: 76 %
Total Output Rate: 370 mg/min
Order no. **085G3301**

Inspiratory flow 12 l/min (children), measurement with Malvern Mastersizer X (calculated according to the Fraunhofer model) at 23 °C and 50 % relative humidity. Nebulised medium: 0.9 % NaCl (5 ml).

PARI TurboBOY® SX

The allrounder – easy, fast, and suitable for nearly everyone.

The appropriate inhalation device for almost every one older than 4 years. The PARI LC SPRINT® Nebuliser ensures efficient lung deposition and correspondingly short inhalation times. Inhalation is easy, even for children.

Ideal for everyone over 4 years old

- ➔ Short inhalation time – **less than 5 min.** for 2.5 ml Inhalation Solution*
- ➔ PARI LC SPRINT® Nebuliser ensures efficient lung deposition even with short inhalation times
- ➔ The nebuliser is easy to use – even for the youngest children
- ➔ **New:** With masks for children and adults

* Salbutamol

Aerosol characteristics:

Mass Median Diameter: 3.5 µm
Mass percentage below 5 µm: 67 %
Total Output Rate: 600 mg/min
Order no. **085G3201**

Measured with the Malvern MasterSizer X (calculated according to Fraunhofer-model) at 23 °C and 50 % relative humidity. Nebulised medium: 0.9 % NaCl (5 ml). Inspiratory flow 20 l/min.

PARI BOY® SX

The perfectionist – adaptable, targeted and designed for particularly exacting requirements.

Well fitting for those older than 4 years with particularly exacting requirements. PARI LC Interrupter, PIF Control and additional nozzle inserts are included. The PARI LC SPRINT® Nebuliser allows very short inhalation times. Thanks to different nozzle inserts the drug can be transported precisely to the desired location in the lung.

Ideal choice with extra equipment

- ➔ Short inhalation time – **less than 5 min.** for 2.5 ml Inhalation Solution* (blue insert)
- ➔ Selectable aerosol spectrum allows the targeted use for the central or peripheral region of the lung
- ➔ Optional intermittent nebulising for combined physiotherapy
- ➔ Optimal breathing manoeuvre – due to the integrated PIF Control

* Salbutamol

Aerosol characteristics:

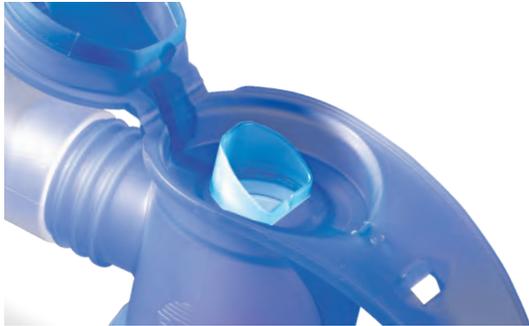
Blue nozzle insert:
Mass Median Diameter: 3.5 µm
Mass percentage below 5 µm: 67 %
Total Output Rate: 600 mg/min

Red nozzle insert:
Mass Median Diameter: 2.2 µm
Mass percentage below 5 µm: 89 %
Total Output Rate: 450 mg/min
Order no. **085G3001**

Measured with the Malvern MasterSizer X (calculated according to Fraunhofer-model) at 23 °C and 50 % relative humidity. Nebulised medium: 0.9 % NaCl (5 ml). Inspiratory flow 20 l/min.



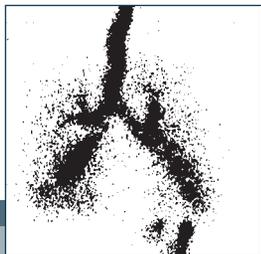
PARI PIF CONTROL – Training tool for the ideal breathing manoeuvre



- ➔ PIF Control (PIF = Peak Inspiratory Flow) recognises if the patient is breathing in too quickly and helps train them to breathe in more slowly.
- ➔ Breathing in slowly results in greater, more uniform deposition of the inhaled medium in the lungs (Fig. 1)
- ➔ Should the patient perceive a soft resistance, this is an indication that they should breathe in more slowly.

PIF Control is integrated in the PARI BOY® SX, PARI BOY® SX Year Pack and PARI LC SPRINT® STAR

Rapid inspiration



Slow inspiration

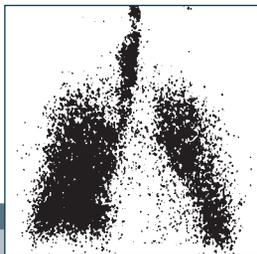


Fig. 1: Gamma camera image after the slow and rapid inhalation of a radio-aerosol in an asthma patient (Laube et al., 1992): breathing in slowly results in greater, more uniform deposition of the inhaled medium in the lungs



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Give us a ring ...



... if you have any questions about
using, handling, cleaning or maintenance



... if you need spare parts or want to
know where you can order them



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