



PHILIPS

Asthma management

Helping you stay in **control of asthma**

Asthma management solutions by Philips help you focus on what matters most - enjoying life

Therapy products that could help you stay in control of asthma



Philips OptiChamber Diamond valved holding chamber



Spacers are tube-like accessories that connect to an inhaler and help deliver more medication to your lungs, where it is needed. A valved holding chamber is a spacer, which contains valves to hold the aerosol for a short time. The valves open to release the medication when you breathe in.

OptiChamber Diamond is discreet, portable and small enough to carry with you.

- OptiChamber Diamond has been designed to improve medication delivery. The anti-static chamber suspends the aerosol longer, meaning you have more time to inhale your medication^{2,3}
- Low resistance valves let you breathe easily through the chamber with low flow rates³
- The exhalation valve visually confirms when your child is breathing out, to help you time the delivery of medication when your child is breathing in²



Philips PersonalBest peak flow meter



A peak flow meter is an inexpensive, portable, handheld device that is used to measure how well air moves out of your lungs. Measuring your peak flow using this meter is an important part of managing your asthma symptoms and preventing an asthma attack and should form part of your personal asthma action plan.⁴

Lightweight, self-contained and portable, PersonalBest puts peak flow monitoring at your fingertips whenever you need it.

- 3-zone colour coded measurements to help you monitor your condition
- A fold-out handle keeps your hand away from the indicators, also aiding a good technique for a successful reading
- The fold out handle turns into a sturdy storage case, so your meter stays protected



Philips InnoSpire nebulizers



If you or your child has been prescribed liquid medications for inhalation, nebulizers are used to change the liquid into a fine mist which allows it to reach deep into the lungs where it can be most effective.

Fast, efficient and reliable, the InnoSpire range includes portable and desktop nebulizers offering treatments in as little as 4 minutes.⁵

- InnoSpire Elegance, Essence and Deluxe are designed for use in the home
- InnoSpire Go and Mini offer portable nebulizer therapy
- SideStream nebulizers are used with the Elegance, Essence, Deluxe, Mini and both of the Philips pediatric nebulizers. They are highly efficient and can be used to nebulize most commonly prescribed respiratory medications



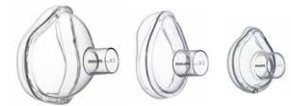
Philips Pediatric nebulizers



Two lovingly designed characters offering your child reliable, fast and easy-to-use treatments in as little as 6 minutes.⁵

- Friendly character design to help encourage children to take their therapy
- Reliable nebulizer therapy built on over 30 years of experience
- Sturdy, lightweight and simple to use – a perfect combination for children

Philips LiteTouch masks



The detachable LiteTouch facemask has a soft contoured cushion that fits easily and rests gently on the face to provide a more comfortable treatment and can help reduce leakage.

Ask your healthcare professional or pharmacist if asthma products like these could help you stay in control.

References:

1. Gardenhire D., Arzu A., Dean H., Myers T. A guide to aerosol delivery devices for respiratory therapists 3rd edition, American Association for Respiratory Care, 2013.
2. Berlinski A., von Hollen D., Hatley R.H.M., Hardaker L.E.A., Nikander K. Drug delivery in asthmatic children following coordinated and uncoordinated inhalation maneuvers: a randomized crossover trial. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 2017, 30(3): 182-189.
3. Slator L., von Hollen D., Sandell D., Hatley R.H.M. In vitro comparison of the Effect of Inhalation Delay and flow rate on the emitted dose from three valved holding chambers. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 2014, 27(S1): 37-43.182-189.
4. Asthma.org.uk. All_about_asthma/controlling_your_asthma/resources_to_help_you/peak_flow_diary. Accessed Oct 2017.
5. Using 2.5ml Salbutamol.

