

Actual size

- Silent
- Small
- Fast



Specifications

This device complies with the provisions of the EC directive 93/42/EEC (Medical Device Directive).

Product name:	Electronic Mesh Nebuliser
Model name:	MicroAIR
Power source:	3V DC (two alkaline penlite batteries/Type AA) 2.4V DC (two NiMH rechargeable batteries)
Power consumption:	AC adapter (optional) 230V AC, 50 Hz Approx. 1.5 W
Ultrasonic frequency:	Approx. 180 KHz
Nebulisation rate:	Greater than 0.25 ml/min <sup>2</sup>
Particle size:	MMAD <sup>3</sup> between 3.4 µm and 6.0 µm, typical value: 4.9 µm
Capacity of the medication container:	7 ml max.
Residual volume:	approx. 0.1 ml
External dimensions:	Approx. 38 (W) x 104 (H) x 51 (D) mm
Weight:	Approx. 97g (excl. batteries)
Battery life:	Approx. 8 days (30 minutes each day)
Operating conditions:	10° ~ 40°C, 30%~85% RH

Contents of the package:

Main unit, main unit cover, medication container, mesh cap, mask adapter, mouthpiece, flexible child mask, flexible adult mask, 2 AA batteries, instruction manual, warranty card, soft pouch

<sup>2</sup> The Nebulisation rate is measured with saline 0.9% solution at 23°C and can vary with medication and ambient conditions.

<sup>3</sup> MMAD: Mass Median Aerodynamic Diameter

Specifications subject to change without prior notification.



Blood Pressure Monitors • Thermometers • Nebulisers  
Body Fat Monitors • TENS Devices • Step Counters

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Pocket Nebuliser

A Good Sense of Health



## Silent operation

The MicroAIR operates silently, enabling discrete use. The absence of loud, frightening noise makes it possible to use under circumstances that require calm treatment. It can even be used to treat a sleeping child.

### Wide medication compliance

Most commonly used medication for the treatment of asthma and COPD (Chronic Obstructive Pulmonary Disease) can be nebulised by the MicroAIR including suspensions as well as solutions. The design of the MicroAIR enables inhalation at various angles due to its unique technology which means you can use MicroAIR lying down in bed.

### Unique pocket nebuliser

The Omron MicroAIR is a truly portable pocket size inhaler that will fit in your hand bag or briefcase. It is the smallest nebuliser in the world. With average use the two AA batteries will last for up to 8 days

(30 minutes each day) of nebulisation and since the MicroAIR has such a low residual volume (the amount of medication remaining in the device after use) there is no need to dilute most medications. This means your treatment times can be reduced to as little as two minutes a nebulisation. (Ask your doctor.)



## Freedom to leave the house



### Maximum portability and flexibility

Now you can feel safe and reassured. You can leave the house without having to worry about being away from your nebuliser. The MicroAIR is so small (size of a mobile phone) and light weight (300 grams) you can have it with you. You do not even have to think about having any plug-in for the car as the MicroAIR is truly portable and self powered by its two AA batteries. You can also use rechargeable batteries with the MicroAIR. At home you can use the optional AC adapter without having to remove the batteries.

Simple one button operation. Inhalation and exhalation is under your control. Nebulisation starts immediately at the push of button.



### Low medication waste and residue

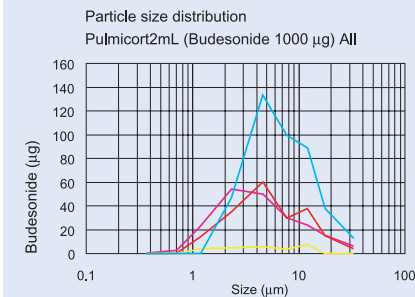
The MicroAIR uses up virtually all the medication. (Always consult your doctor about your medication.)

Thanks to the latest technology, medication is atomised into fine particles which reach both the higher and lower respiratory tracts effectively. The size of the particles allow the medication to be optimally deposited in the deeper respiratory tract. You receive more medication into your lungs, and less medication is wasted through exposure to the environment.

The device is easy to clean for optimal hygiene.



### The MicroAIR nebuliser is the smallest portable nebuliser in the world.



#### More Pulmicort than your average nebuliser.

The nebulisation of Budesonide suspensions by a newly designed mesh nebuliser. (yuji yoshiyama, Tomoko Yazaski, Masato Arai and Motoko Kanke) Division of Clinical Pharmacy, Kyoritsu College of Pharmacy, Toko 105-8512, Japan; Omron Life Science Corporation, Kyoto, 600-8530 Japan)