



The Omron C101 Essential Compressor Nebuliser (VM-NEBORC01) is a compact compressor nebuliser (model C101) that turns liquid medication into a fine mist for inhalation through a mask or mouthpiece. It delivers a particle size of MMAD 3.9 μm for lower airway delivery and has a 12 ml medication capacity and a nebulisation rate of 0.3 ml/min. Operation is at the touch of a button at approximately 63 dB, and the unit measures 220 x 150 x 100 mm and weighs 1.2 kg. It includes an adult mask, a child mask, a mouthpiece, a nose piece and a 100 cm air tube, and carries a 5-year warranty on the unit. Available in South Africa from Vital Medical.

Long description

How the Omron C101 Essential Compressor Nebuliser Works

The Omron C101 Essential (VM-NEBORC01) is a compressor nebuliser, a device that uses compressed air to turn liquid medication into a fine mist the patient can breathe in. The mist is inhaled through the supplied mask or mouthpiece. The C101 produces a particle size of MMAD 3.9 μm . MMAD (mass median aerodynamic diameter) describes the average size of the medication droplets, and smaller droplets are better able to travel into the lower airways. The unit has a 12 ml medication capacity and a nebulisation rate of 0.3 ml/min, and treatment starts at the touch of a button.

Clinical Use and Performance

The Omron C101 Essential is intended for delivering prescribed inhaled medication in respiratory conditions such as asthma and bronchitis. Because the mist can reach the deeper airways, it is used to help relieve symptoms such as coughing, wheezing and shortness of breath. Operation is quiet at approximately 63 dB, and the compact 220 x 150 x 100 mm body weighs only 1.2 kg. This suits home care, community health settings and clinics that need a simple, affordable nebuliser. The nebuliser kit is easy to clean and disinfect between uses. Medication should always be used as prescribed by a doctor or healthcare professional.

Accessories, Warranty and Availability

The C101 Essential comes ready to use with a nebuliser kit, a 100 cm air tube, a mouthpiece, a nosepiece, a PVC adult mask, a PVC child mask, an air filter and an instruction manual. The adult and child masks let one unit serve patients of different ages. The unit carries a 5-year warranty from the date of purchase; the warranty applies to the unit only and does not cover accessories. Available in South Africa from Vital Medical, the Omron C101 Essential is a practical choice for families, clinics and community health programmes.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Brand	Omron
Model	C101 Essential
SKU	VM-NEBORC01
Type	Compressor nebuliser
Particle size (MMAD)	3.9 μm
Nebulisation rate	0.3 ml/min
Medication capacity	12 ml
Sound level	Approx. 63 dB
Dimensions	220 x 150 x 100 mm
Weight	1.2 kg
Air tube length	100 cm
Masks	1 x adult (PVC), 1 x child (PVC)
Included	Nebuliser kit, air tube, mouthpiece, nosepiece, adult mask, child mask, air filter, instruction manual
Warranty	5 years from date of purchase (unit only, accessories excluded)