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Product Name :

Nebulizer Electric With Accessories

Product Code :

SLE/RAE/11



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Description :

Nebulizer Electric With Accessories (Product Code: SLE/RAE/11) is a portable, compressor-driven nebulizer used to turn liquid medication into a fine mist for inhalation in treatment of the upper and lower respiratory tract, in hospitals, clinics and outpatient rooms. Its oil-freecompressor delivers 5–6 l/min of air under load and nebulises 0.2–0.4 ml of drug per minute froma 2–6 ml reservoir. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India.

Specifications

Parameter	Detail
Type	Portable, compressor-driven nebulizer, AC powered, with accessories
Drug reservoir	Integrated, capacity 2–6 ml; residual volume 2 ml
Particle size (MMAD)	2.44–3.16 µm median mass aerodynamic diameter
Nebulisation rate	0.2–0.4 ml/min
Air flow under load	5–6 l/min
Compressor	Maintenance-free, oil-free pump with air inlet filter
Noise level	? 55 dB
Power requirements	220 V / 50 Hz
Power consumption	? 170 W
Construction	Sturdy housing suitable for disinfection with hospital-grade products; accessory storage compartment
Operating conditions	10–40 °C / 90 % relative humidity
Storage conditions	0–50 °C / 90 % relative humidity
Product code	SLE/RAE/11
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is an Electric Nebulizer Used For?

A compressor nebulizer pushes filtered room air through the medication chamber, breaking the prescribed liquid into droplets that the patient breathes in through a mouthpiece or mask. It suits patients who cannot coordinate an inhaler, because it only needs normal breathing. The MMAD figure of 2.44–3.16 µm describes the typical droplet size, and the 0.2–0.4 ml/min output gives staff an idea of how long a dose in the 2–6 ml reservoir will take.

About 2 ml stays in the reservoir as residual volume, which is worth allowing for when a dose is prepared. The oil-free pump needs no routine lubrication, the inlet filter keeps dust out of the air path, and the housing can be wiped with hospital-grade disinfectants between patients. Acces t.

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