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Product Name :

Reusable Humidifier Bottle Non Heated

Product Code :

SLE/RAE/18



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Description :

Reusable Humidifier Bottle Non Heated (Product Code: SLE/RAE/18) is a sealed, bubble-through humidifier bottle used to add moisture to oxygen and other breathing gases before they reach the patient, in oxygen therapy and on ventilation or anaesthesia inspiratory lines. It works at flows up to 15 L/min without heating the gas, and its graduated, shatter-resistant bottle is designed for repeated reprocessing. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Non-heated, reusable, bubble-through humidifier
Applications	Oxygen therapy; ventilation and anaesthesia inspiratory lines
Flow rate capacity	Up to 15 L/min
Working volume	At least 150 ml and not greater than 500 ml
Bottle	Transparent, graduated with minimum and maximum water levels; shatter-resistant polymer
Cap	Detachable, metal or rigid durable polymer, with gas connectors
Connectors	DISS gas inlet and outlet; cap and connectors in brass, steel or other metal, or polymer
Safety	Built-in pop-off safety valve
Reprocessing	Autoclavable and/or disinfectable with hospital-grade detergents
Operating conditions	5 to 45 °C; RH 15 to 90 %
Storage conditions	-20 °C to 60 °C; RH 15 % to 90 %
Product code	SLE/RAE/18
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Non-Heated Humidifier Bottle Used For?

Medical oxygen is very dry, so a humidifier bottle is often placed between the flowmeter and the patient tubing. Gas enters through the DISS inlet, bubbles up through the water and leaves through the outlet carrying moisture on to the patient tubing. Because the bottle does not heat the gas, it is a simple, power-free option for wards and health centres.

Staff fill the bottle with water between the marked minimum and maximum lines and check the level on each round, topping up as needed. The pop-off valve releases pressure if the outlet tubing becomes kinked or blocked. After use the cap and bottle are separated for autoclaving or disinfection with hospital-grade detergents, following the facility's reprocessing procedure.

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