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Product Name :

Venturi Face Mask Adult Single Use

Product Code :

SLE/RAE/16



Description :

Venturi Face Mask Adult Single Use (Product Code: SLE/RAE/16) is an air-entrainment oxygen mask used to deliver a set oxygen concentration (FiO2 from 24 % to 50 %) to adult patients in wards, emergency rooms and recovery areas. Colour-coded jets, each marked with its oxygen percentage, fix the concentration at flows between 4 and 10 LPM, and the kit includes tubing and a humidity cup. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Venturi (air-entrainment) oxygen face mask, adult size
Oxygen flow range	1–10 LPM
Oxygen concentration (FiO2)	24 % to 50 %, selected by jet port size
FiO2 settings	24 % (4 LPM), 28 % (4 LPM), 31 % (6 LPM), 35 % (8 LPM), 40 % (8 LPM), 50 % (10 LPM)
Kit contents	Mask, oxygen tubing, humidity cup and multiple colour-coded jets indicating oxygen percentage
Material	Mask and tubing of medical-grade PVC
Fit	Adjustable nose clip and adjustable strap
Oxygen tubing	Anti-crush, 1.5 to 2.1 m long, terminated with a standard connector
Use	Single use, non-sterile
Operating conditions	5 to 40 °C, 10 to 90 % relative humidity, non-condensing
Storage conditions	0 to 50 °C, 10 to 90 % relative humidity, non-condensing
Packaging	Individual single-use pack
Product code	SLE/RAE/16
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Venturi Face Mask Used For?

A Venturi mask is chosen when a clinician wants a known oxygen percentage rather than simply a flow. Oxygen passing through the jet draws in room air through side ports, so the mixture reaching the patient stays at the concentration printed on the jet and the mask provides the total inspiratory flow at that FiO2. Changing the jet, and setting the flowmeter to the rate marked for it, changes the concentration.

For example, the 28 % jet runs at 4 LPM, while the 50 % jet needs 10 LPM. The nose clip and strap are adjusted for a secure fit, and the humidity cup can be used where humidified air entra by one p