Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Oxygen Concentrator

Product Code :

SLE/RAE/12



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Oxygen Concentrator (Product Code: SLE/RAE/12) is a mobile medical device that draws in room air and delivers a continuous flow of concentrated oxygen (93 %) to patients through an adjustable 1–10 LPM flowmeter in wards, clinics and health centres. An integrated oxygen sensor checks concentration at the flowmeter entrance and alerts staff if it drops below 82 %. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Oxygen source	Concentrates oxygen from ambient air; continuous flow
Oxygen concentration	93 %
Flowmeter	1–10 LPM, continuously adjustable, markings at 0.5 L intervals
Maximum output flow	10 LPM
Output pressure	Minimum 55 kPa (as listed; confirm with quotation)
Oxygen sensing	Integrated; measures concentration at the flowmeter entrance
Alerts	Visual and audible: low/high output pressure, no flow, low oxygen concentration (< 82 %), power failure
Sound level	Less than 52 dB(A)
Hour meter	Digital or analogue display of cumulative operating hours
Oxygen outlet	Durable, approx. 6 mm barbed fitting or equivalent
Mobility	4 antistatic swivel castors (2 with brakes); integrated handle
Weight	28 kg
Power requirements	220–240 V, 50–60 Hz, or 110 V, 50/60 Hz
Operating conditions	10–40 °C; RH 15–85 %; altitude 0–2286 m above sea level
Storage conditions	-40 °C to 55 °C; RH ? 95 %
Limitation	Not suitable as an oxygen source for other respiratory-support equipment such as ventilators, CPAP devices or high-flow nasal oxygen
Flow	Selectable continuous flow
Flow variants	5 or 10 L/min, quoted separately
Features	Alarms
Product code	SLE/RAE/12
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Wha

An ox