



THE LAB EQUIPMENT

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Product Name :

Oxygen Concentrator

Product Code :

SLE/RAE/12



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Description :

Oxygen Concentrators are not suitable to be used as an oxygen source to other medical equipment providing respiratory support, such as ventilators, CPAP devices, High Flow Nasal Oxygen, etc.

SPECIFICATIONS:

Provides continuous flow of concentrated oxygen 93%

Oxygen sensing device is integrated and measures concentration at flow meter entrance.

Device concentrates oxygen from ambient air

On 4 antistatic swivel castors, 2 with brakes

Integrated handle allows for easy moving and positioning

Flowmeter range: 1 to 10 LPM

Flowmeter continuously adjustable with markings at 0.5 L intervals

Continuous monitoring, with visual and audible alert on:

Low/ high output pressure, no flow, low oxygen concentration <82%, power failure

Sound level produced: less than 52 dB (A)

Maximum output flow: 10 LPM

Output pressure: min 55 // kPa. 0.04/0.07

Power requirements: 220V-240V, 50Hz-60Hz or 110V 50/60Hz

Digital or analogue meter to display cumulative hours of device operation

User interface easy to operate with numbers and displays that are clearly visible

Device weight: 28 kg

Oxygen outlet durable, with approx.6mm barbed fitting or equivalent

ENVIRONMENTAL CONDITIONS

Storage conditions: e: -40 °C to 55°C / RH: ? 95%

Operating altitude: 0 to 2286m above sea level

Operating conditions: 10 to 40°C / RH: 15 to 85%

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