

Oxygen concentrator



Code	Description	Ind. price	Ship. weight	Ship. Vol.
XANEOXYCDC5	OXYGEN CONCENTRATOR, DeVilbiss Comp. 5 OSD + acc., 230V-50Hz			

Cold chain: No

Dangerous: No

Regulated: No

General information

- Used in Surgical Emergency Unit where oxygen cylinders/oxygen supply is irregular.

Specifications

Material:

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Producer Sunrise medical (DeVilbiss) Serie 515 K with OSD

The oxygen concentrator is an electrically operated device intended to provide supplemental low oxygen flow

The oxygen concentrator unit separates oxygen from ambient air which allows high-purified oxygen to be delivered to patient

OSD = Oxygen Sensing Device: measures the concentration of oxygen produced by the concentrator

Technical specifications:

- Energy supply and requirement

Electrical rating: 220-230V, 50 Hz, 1,7 Amp
230V, 60 Hz, 1.9 Amp

Operating voltage range: 187-255 V, 50 Hz
218-253V, 60 Hz

Power consumption average: 220-230V, 50 Hz = 365 Watts
230V, 60 Hz = 435 Watts

- Oxygen delivery

O₂ delivery rate: 5 litres per minute (LMP)

Maximum recommended flow: 5 LPM

Outlet pressure: 8.5 psig (58.6 kPa)

Oxygen % percentage: 1-5 LPM = 93% ± 3%

Operating altitude: 0-1500 m no degradation in performance

1500-3000m = ± 4% performance drop at 5 LPM

3000-4000m = not recommended

Operating environment range: 10° to 35 ° C with humidity range of 30°

> 35 °C - 4% oxygen performance drop at 5 LPM

OSD Indicator: audible alarm will be activated at 75 % O₂

- Sound level : 50.5 decibel at overall average
- Operating system: time cycle/ pressure swing
- Pressure relief valve : 44 psig ± 3 psig (303 kPa ± 21 kPa)
- Weight: 24. 5 Kg

- Overall dimensions :70.5 x 40.6 x 35.6cm

Storage Conditions: Temperature 40°C to 70 °C

Humidity range of 10% to 100%, including condensation

Packaging:

Unit presentation:

The following information must appear on the packaging:

- designation of item,
- name and address of supplier (manufacturer)

Other requirements:

Should conform to ISO standard

Options - Accessories

XANEOXYCDC5B	(O ₂ conc. DeVilbiss), BACTERIAL FILTER, intake
XANEOXYCDC5F	(O ₂ conc. DeVilbiss), FILTER, gross particle, set of 6
XANEOXYCDC5H	(O ₂ conc. DeVilbiss), HUMIDIFIER, 300 ml
XANEOXYCDC5HC	(O ₂ conc. DeVilbiss), CONNECTOR FOR HUMIDIFIER 300 ml
XANEOXYCDC5P	(O ₂ conc. DeVilbiss), PRE-FILTER, fine particle, set of 6
XANEOXYCDC5SM	(O ₂ conc. DeVilbiss), SWITCH, MAIN POWER, new model
XANEOXYCDC5SS	(O ₂ conc. DeVilbiss), SERVICE SET, complete, 6 months