

# COVID-19 OXYGEN CONCENTRATORS PORTFOLIO



## COVID-19 AND OXYGEN SUPPLY

Medical oxygen is seen as a crucial factor in the effective treatment of hospitalised COVID-19 patients. However, one of the main challenges for many hospitals in LMICs (low- and middle-income countries) is affordable and sustainable access to oxygen due to cost, infrastructure and logistical barriers. In addition, the COVID-19 pandemic has put extra pressure on health facilities facing oxygen shortages resulting in preventable loss of lives.

Oxygen can be supplied through a variety of methods, for example in compressed liquid oxygen tanks, compressed gas cylinders, oxygen generating plants (PSA) or oxygen concentrators. This is highly dependent on the facility's health infrastructure, skills of health care workers and budgets available. In addition to mechanical ventilation and patient monitoring, ventilators can also be used for oxygen therapy.

## OXYGEN CONCENTRATORS

An oxygen concentrator is a medical device that draws in air from the environment to deliver continuous, clean, and concentrated oxygen to the patient. Oxygen concentrators are a suitable option for the administration of oxygen therapy in developing-country settings, especially in low resource settings where cylinders and piped systems are inappropriate or unavailable.

Reliable oxygen supply is necessary to increase survival rates among seriously ill patients. Using oxygen concentrators in health facilities with reliable power supply provides a sustainable and cost-effective source of medical oxygen.

*Source: World Health Organization*

## QUALITY ASSURANCE AND PORTFOLIO

Since the start of the pandemic, IDA has been actively sourcing products for COVID-19 response, anticipating upcoming healthcare challenges in LMICs. Aside from the much-needed Personal Protective Equipment (PPE) and diagnostic tests, we have been sourcing medical equipment for the treatment and care of COVID-19 patients, including oxygen concentrators.

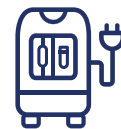
As with medicines, availability of quality assured medical equipment is essential to ensure successful treat-

ment. Therefore, IDA's range of medical equipment is carefully selected from reliable and certified manufacturers, and is regularly updated to reflect the changing needs of our customers.

Below you will find an overview of the concentrators we can offer from stock and the technical product information per type of concentrator. For more detailed information or specific supplier leaflets please contact your sales representative.

product code	product description	unit of measure
E788-TY1-00	oxygen concentrator V-5, 5 L, Quiet Life, Shenyang Canta	1 pce
E784-TY2-00	oxygen concentrator V-8, 8 L Quiet Life, Shenyang Canta	1 pce
E784-TY5-00	oxygen concentrator KSOC-5	1 pce
E784-TY6-00	oxygen concentrator KSOC-10	1 pce
E784-TY3-00	oxygen concentrator Oxy 5-neo	1 pce
E784-TY4-00	oxygen concentrator Oxy 10-neo	1 pce
C019-C63-13	oxygen tube nasal sterile, 200 m, adult	25 pce
8517-002-00	finger pulse oximeter	1 pce

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## CANTA

model	oxygen purity	flow rate	noise	voltage	output pressure	power	weight	size
V-5	93% ±3%	0-5 L/min	<40dB	AC 220/110V ± 10% 50/60 Hz ± 1	0.04-0.08 Mpa	< 350W	21 kg	39 × 33.7 × 62 cm
V-8	93% ±3%	0-8 L/min	<48dB	AC 220/110V ± 10% 50/60 Hz ± 1	0.04-0.08 Mpa	< 480W	24 kg	39 × 33.7 × 62 cm

### Features

Over heat alarm, power failure alarm, pressure failure alarm, timing function, working hours display



V-5

## KONSUNG

model	oxygen purity	flow range	noise	voltage	output pressure	power	weight	size
KSOC-5	93% ±3%	0-5 L	≤48 dB	220V/110V	30 ~ 70 kPa	350 W	19 kg	38 × 32 × 59 cm
KSOC-10	93% ±3%	0-10 L	≤52 dB	220V/110V	30 ~ 70 kPa	750 W	23 kg	38 × 32 × 59 cm

### Features

Power off alarm, high/low pressure alarm, temperature alarm, oxygen purity alarm, overload protection and error code indication

### Accessories

Humidification bottle, nasal oxygen canula, filter, sponge filter, optional nebuliser mask



KSOC-10

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## BPL MEDICAL TECHNOLOGIES

model	oxygen purity	flow rate	noise	voltage	output pressure	power	weight	size
Oxy 5-neo	93% ±3%	0.5 ~ 5 L/min	≤55dB (A)	AC 220V±10%	20 kPa ~ 50 kPa (2.9 psi ~ 7.25 psi)	≤ 280W	25 kg	47 × 28.5 × 55.6 cm
Oxy 10-neo	95.5% ~ 87%	1 L/min ~ 10 L/min	≤60dB (A)	AC 220V±10%	62 kPa ± 4.5 kPa (8.99 psi ± 0.65 psi)	≤ 850 VA	33 kg	44.5 × 37.2 × 68 cm

### Features

Audio alarm (low oxygen concentration, power failure, compressor failure and pressure cycle failure), multilevel noise reduction, built in nebulisation device, timer function



Oxy 5-neo



Oxy 10-neo

## MAKING USE OF IDA'S GLOBAL EXPERTISE AS YOUR COVID-19 PARTNER

IDA Foundation has decades of experience in the global health supply chain to support our customers in the COVID-19 response. Since early 2020, our COVID-19 portfolio has grown to over 200 items covering PPE, therapeutics and oxygen, infection control, diagnostics and vaccination / immunisation.

Our strong global network, quality affairs knowledge and specialist supply chain capabilities have allowed us to overcome the challenges to support our customers throughout this pandemic.

## WHY CUSTOMERS CHOOSE IDA

### Reliability

Trusted brand offering high quality products at a fair and transparent price

### Availability

Stock reflecting most frequently requested medicines and medical supplies

### Customer focus

Specialised procurement and sales teams providing dedicated services and technical advice

### One-stop-shop

Extensive COVID-19 portfolio combined with services spanning the supply chain from end-to-end

### Global reach

Strategic warehouse location in Dubai, allowing efficient global deliveries during the pandemic, combined with a reliable network of agents and distributors in LMICs