

Equipment Needed to help the People of India in their Fight Against COVID-19

The biggest problem the country is facing is the transportation and distribution of oxygen to where it is needed most. Whereas when the 1st wave of COVID hit India last year, it was concentrated in the cities, this 2nd wave is hitting the rural areas hardest and India does not have the equipment needed to move oxygen from where it is being produced to these rural areas. In addition, the COVID mutation hitting India now is more deadly than the first.

Our friends at the Material Recycling Association of India (MRAI) have been asked by the Government of India to ask the help of their friends around the world – including ISRI – for the following 3 categories of supplies:

- 1. 20 ft long, 20,000 liter capacity cryogenic tanks:** used or new but they must be ISO certified for inert gases only i.e., O₂, Nitrogen or Argon (they cannot take larger tanks)



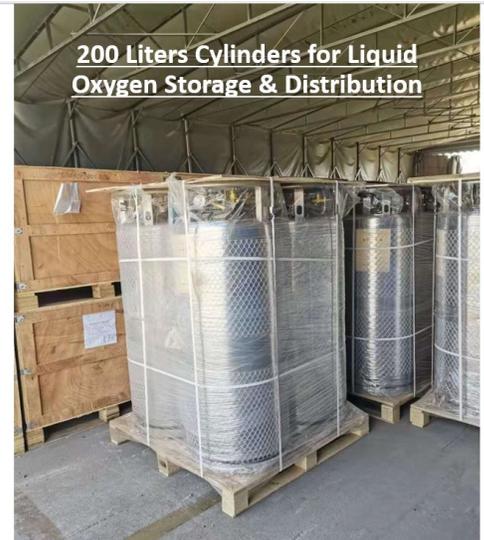
OXYGEN CONTAINER

20ft ISO container for cryogenic gas transfer



2. 500 liter or smaller cryogenic cylinders:

500 Liters Cylinders for Liquid Oxygen Storage & Distribution



- 3. High flow Oxygen concentrators:** The Rural Areas are needing oxygen concentrators of 5ltr/8ltr/10ltr. The government is currently importing them from China through cargo facilities. Attached is a sample catalog for reference.

The Indian government is arranging for air transport of donations from the US to India. We just need to tell them where the tanks & cylinders are located in the US and they will then make the arrangements.

Should you be able to help with any of the above needs, please email me – rwiener@isri.org – and I will coordinate with MRAI & the Indian authorities re transportation. Include the items being donated and where they are currently located. Thank you!!!!

5L Oxygen Concentrator

Model: DO2-5AH/5AM

Main Features



Timing accumulates function



Durable High-Effective molecular sieve



4 alarm systems:
 -low oxygen concentration alarm
 -power off alarm
 -pressure circulation fault alarm
 -compressor fault alarm



Continuous operation for 24 hour/day.



Brief Introduction:

They require very few maintenance among their lifetime. All inner components are modularization designed, very easy to be maintained by general persons. The work performance are very steady.

Suitable range:

Clinic, homecare, nursing house, geriatric nursing etc

For the crowd:

Geriatrics, pregnant women, high mental labor, students, white-collar, and peoples suffer chest distress, lapse of memory, absent-minded, indigestion, bad sleeping etc.

Specifications

| Model No | DO2-5AH | DO2-5AM |
|------------------------|--|------------------|
| Oxygen flow | 1--5 LPM | 1--5 LPM |
| Oxygen purity | 93% ± 3% | 93% ± 3% |
| Low oxygen alarm | No | Yes |
| Optional | Nebulizer, 2-way splitter | 2-way splitter |
| Power consumption | <320 W | <320 W |
| Output pressure | 0.05-0.07Mpa | 0.05-0.07Mpa |
| Operation noise(dB) | < 45dB (A) | < 45dB (A) |
| Net weight | 35 lbs (15.9 kg) | 35 lbs (15.9 kg) |
| Operating temp | 5°C --40°C | 5°C --40°C |
| Dimensions (L x W x H) | 43 x 32 x 62 cm | 43 x 32 x 62 cm |
| Equip. Classification | Class II Type B | |
| Power Supply | AC 220V ± 22V/50Hz or 110V ± 10V /60Hz | |

8L Oxygen Concentrator

Model: DO2-8AH/8AM

Main Features



8 Liter oxygen flow for physical therapy



4 alarm systems:

- low oxygen concentration alarm
- power off alarm
- pressure circulation fault alarm
- compressor fault alarm



4-way Splitter for max 4 persons



Light net weight: 19.2kgs only



Brief Introduction:

With the splitter, it can serve max 4 persons together, more suitable for small clinics. And it can be customized for many industries, such as hyperbaric chamber, glass work, etc.

Specifications

| Model No | DO2-8AH | DO2-8AM |
|------------------------|--|--------------------|
| Oxygen flow | 1-8 LPM | 1-8 LPM |
| Oxygen purity | 93% ± 3% | 93% ± 3% |
| Low oxygen alarm | No | Yes |
| Optional | Nebulizer, 4-way splitter | 4-way splitter |
| Power consumption | <540 W | <540 W |
| Output pressure | 0.05-0.07Mpa | 0.05-0.07Mpa |
| Operation noise(dB) | < 55dB (A) | < 55dB (A) |
| Net weight | 42.3 lbs (19.2 kg) | 42.3 lbs (19.2 kg) |
| Operating temp | 5°C —40°C | 5°C —40°C |
| Dimensions (L x W x H) | 43 x 32 x 62 cm | 43 x 32 x 62 cm |
| Equip. Classification | Class II Type B | |
| Power Supply | AC 220V ± 22V/50Hz or 110V ± 10V /60Hz | |

10L Oxygen Concentrator

Model: DO2-10AH

Main Features



10 Liter oxygen flow for physical therapy



Optional with deluxe alloy barb, 5-way splitter



Specific users are strongly recommended



Light net weight: 19.8kgs only



Brief Introduction:

Specially suitable for training athletes, hyperbaric chamber and O₂ laundry etc. Flow splitter allows precise distribution of the oxygen output for 5 patients, i.e. neonates and infants. More oxygen supply solutions are available.

Specifications

| | |
|------------------------|--|
| Model No | DO2-10AH |
| Oxygen flow | 1—10 LPM |
| Oxygen purity | 93% ± 3% |
| Low oxygen alarm | No |
| Optional | Nebulizer, 5-way splitter, alloy barb |
| Power consumption | <720 W |
| Output pressure | 0.05—0.07Mpa |
| Operation noise(dB) | < 55dB (A) |
| Net weight | 43.66 lbs (19.8 kg) |
| Operating temp | 5°C —40°C |
| Dimensions (L x W x H) | 43 x 32 x 62 cm |
| Equip. Classification | Class II Type B |
| Power Supply | AC 220V ± 22V/50Hz or 110V ± 10V /60Hz |