OxySmart®

Time is precious...



when you need oxygen.



DCare Medical Canada

The Leader in Technology Transfer

We provide solutions





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DCare Partners...

Working together to build up the unique OxySmart® Project to supply and refill the world's smallest and lightest oxygen cylinders.



Cramer Decker Medical is a global supplier of medical respiratory, emergency, daily living aids, industrial and medical compressed gas equipment.



Oxygen Generating Systems, Intl. *(OGSI)* is the leading manufacturer and marketer of on-site oxygen generators.



Oxygen is the most commonly used drug in emergency medicine...

...and when used judiciously in the treatment of hypoxaemia it undoubtedly saves lives. Chronic Obstructive Pulmonary Disease (COPD) is a leading cause of disability and death globally, characterized by progressive breathlessness, loss of function and, in its later stages, chronic hypoxaemia. Long-term continuous oxygen therapy increases life expectancy in patients with severe resting hypoxaemia.

In addition, ambulatory oxygen is important during exercise and activities of daily living. The ability to provide oxygen in a patient's home or place of employment can offer enormous benefits, including improvements in life expectancy, when administered appropriately.

Emergency oxygen

OxySmart provides everything you need for portable oxygen therapy:

- The OxySmart is the world's smallest and lightest refillable oxygen cylinder with high oxygen capacity. Total weight is less than 1 kg.
- 2. Choose from 4 models featuring different sizes and capacities.
- 3. The unique OxySmart generator can refill cylinders in minutes and gives patients the benefit of refilling or replacing cylinders quickly and easily.
- 4. Very economical and easy to use. Oxygen flow up to 8 liters/minute and costs less than 30% the cost of a portable oxygen concentrator. The fully automatic filling of the OxySmart Generator refills up to 200 cylinders per day.
- 5. Distributors with professional facilities are available to provide 24-hour service for cylinder replacement and supply. Extra cylinders are available to increase oxygen storage when needed.
- 6. A pneumatic conserving device is connected to the cylinder for increased efficiency. When the patient inhales, a pulse of oxygen is delivered. When the patient exhales, oxygen is held inside the cylinder to reduce waste. System includes a mini-regulator for treating children.
- 7. No batteries required.
- 8. Made in the USA, meets or exceeds requirements from several governing authorities.

in your pocket

OxySmart®

The world's smallest and lightest portable oxygen cylinder



M2 CYLINDER

Weighing less than 2 pounds and only 7.9 inches in length, this extremely lightweight, compact medical oxygen cylinder is the perfect solution for anyone who needs a convenient, easily transportable medical oxygen supply for a short amount of time. This is the smallest aluminum oxygen cylinder in the world yet can supply up to 2 hours using the RESOURCE v.2 pneumatic conserving device or up to 4 hours using the SOLO2 pneumatic conserving device. This cylinder comes standard with a toggle valve.

M4 CYLINDER

Just slightly larger than the M2, the M4 medical oxygen cylinder is a great solution for anyone who needs a convenient, easily transportable medical oxygen supply for a short amount of time. This cylinder weighs under 3 pounds and is only 12 inches in length. Using the RESOURCE v.2 pneumatic conserving device this cylinder can supply just under 5 hours of oxygen or just under 11 hours using the SOLO2 pneumatic conserving device. This cylinder comes standard with a toggle valve.

M6 CYLINDER

The popular M6 medical oxygen cylinder is the perfect balance between portability and oxygen supply duration. The M6 cylinder is less than 15 inches in length and weighs only 3 pounds. Using the RESOURCE v.2 pneumatic conserving device this cylinder can supply up to 10 hours of oxygen or just under 16 hours using the SOLO2 pneumatic conserving device. This cylinder can also be conveniently transported using the CD1005 backpack, the CD1002 shoulder bag. This cylinder comes standard with a toggle valve.

M9 CYLINDER

Similar to the M6 cylinder, the M9 is a great balance between portability and oxygen supply duration. The M9 cylinder is shorter than the M6 cylinder and weighs only 4 pounds. Using the RESOURCE v.2 pneumatic conserving device this cylinder can supply just under 8 hours of oxygen or just under 16 hours using the SOLO2 pneumatic conserving device. This cylinder can also be conveniently transported using the CD1005 backpack, the CD1009 horizontal bag, the CART101- cylinder cart, or the CD1020 oxygen sidekick. This cylinder comes standard with a toggle valve.

Take a deep breath

The complete system fills up to 200 cylinders per day



Needs only air and electricity to generate medical grade oxygen and refill cylinders

Administer oxygen anytime... anywhere

- Refill portable oxygen cylinders within minutes
- Serve patients anywhere with portable oxygen cylinders weighing as little as 0.5 kg
- Oxygen capacity of up to 200 liters of medical grade oxygen
- Pneumatic conservative regulator supplies oxygen in pulse doses





Needs only air and electricity to generate medical grade oxygen and refill cylinders

We offer the oxygen filling generator plus 1,000 portable cylinders of different sizes and capacities



www.dcaremedical.ca

Made in the USA by Cramer Decker Medical, exclusively for DCare Medical Canada

OxySmart® is a registered trademark for DCare Medical Supply, Ltd., Canada

The models M2, M4, M6 and M9 are manufactured under private label for DCare Medical Canada



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