

L6X

lightweight aluminium medical cylinders

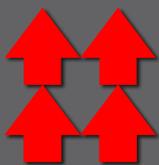
A superior alloy makes a superior medical cylinder

Luxfer all-metal medical cylinders are manufactured from our exclusive L6X[®] aluminium alloy, a proprietary formula developed by Luxfer metallurgists to provide superior corrosion-resistance and dependable performance in the most demanding applications.

Compared to conventional alloys, Luxfer's L6X has been optimised to improve durability, fracture toughness and resistance to tearing and cracking, even under high-pressure loads over long periods. Because of the unique performance characteristics of L6X alloy, only Luxfer has consistently passed all extensive, rigorous testing performed by major global gas companies.

Luxfer L6X-alloy cylinders meet or exceed requirements set by every major cylinder regulatory authority in the world. The more than 50 million cylinders Luxfer has manufactured from L6X alloy have an unsurpassed record for safety, long service life and reliable performance.

- Up to 50% lighter in weight than conventional steel cylinders.
- Charging pressure to 200 bar.
- Exceptional durability and corrosion resistance.
- Non-magnetic—compatible with MRI and other high-technology medical imaging systems.



Luxfer
Gas Cylinders



Luxfer

L6X[®] aluminium medical cylinders

Model number	Service pressure Bar	Oxygen capacity ltr.	External diameter mm	Length mm	Weight kg	Nominal water capacity ltr.	Thread	Specification
M0010	150	159	102	208	1.3	1	0.750-16 UNF - 2B	ISO 7866:1999
M0020	150	319	102	365	2.0	2	0.750-16 UNF - 2B	ISO 7866:1999
M0030	150	478	111.1	445	2.7	3	0.750-16 UNF - 2B	ISO 7866:1999
M0050	150	797	111.1	710	4.2	5	0.750-16 UNF - 2B	ISO 7866:1999
M0100	150	1546	140	905	8.1	10	1.125-12 UNF-2B	ISO 7866:1999

- All models approved by Petroleum and Explosive Safety Organization (PESO), Govt. of India.
- Certified by Lloyd's Register Asia as per ISO 7866.

Luxfer Gas Cylinders, the world leader in high-pressure gas containment, offers the world's most comprehensive range of medical oxygen cylinders. Luxfer aluminium cylinders are the lightweight alternative to conventional steel cylinders, combining dramatic weight savings with extended gas delivery and exceptional strength and durability. High-performance Luxfer cylinders provide significant benefits not only for oxygen patients, but also for caregivers, respiratory therapists, nurses and emergency medical personnel. For those who regularly handle medical equipment, lightweight aluminium cylinders are much easier to move and transport, reducing the possibility of job-related injury and stress. Manufactured to exacting standards and thoroughly tested, Luxfer medical cylinders meet or exceed requirements set by every major cylinder regulatory authority in the world.



Luxfer medical cylinders are widely used in home oxygen therapy, emergency medical services and medical institutional applications in more than 50 countries.



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Setting the standard worldwide