

MM500 Medical Auto Change-over Manifold



- AS2896 Compliant
- Duplex line relief valves
- Change-over and line failure pressure switches
- Change-over and line failure test point bleed valves
- Gas specific auxiliary/service supply inlet
- Mounting plate
- Modular inlet header system for system expansion
- Optional standby regulator unit
- Australian made

The MM500 range of auto change-over medical gas manifolds is a compact supply system for installations requiring uninterrupted medium to high flow capacities.

The manifold consists of two banks of cylinders, one on each side of the pressure control assembly. The position of the lever determines which bank of cylinders is “in use” and which is “in reserve”. The manifold draws gas from the “in use” cylinder bank until it is emptied. The manifold then automatically starts drawing gas from the “in reserve” cylinder bank. When the emptied cylinder bank has been replaced the lever should be moved to the other side to reset the manifold.

The “complete” system specification incorporates all the features and components required by a medical gas system as detailed in AS2896, (Medical gas systems).

For more detailed information refer to Gascon’s medical manifold information booklet.

Specifications:

- Max. Inlet Pressure:** 20,000 kPa @ 15°C
- Outlet Pressures:** 415 kPa (nominal)
- Flow Capacity:** up to 500 l/min
- Outlet Connection:** ½” Brass tube fitting
- Header Connections:** Gas specific as per AS2896
- Cylinder Leads:** Gas specific as per AS2473
- Auxiliary Inlet:** SIS as per AS2896
- Weight:** 8.8 kg

Materials:

- Body:** Chrome plated brass bar stock
- Fittings:** Brass and chrome plate brass
- Tubing:** Copper
- Filters:** Cupro Nickel

ORDERING INFORMATION MM500 - XXX - XXX - XxX - XXXX

Model	Outlet Pressure	Gas	Supply Source	Options
MM500	Required Outlet Pressure in kPa	AIR (Air)	1x1 1 cylinder x 1 cylinder	Comp AS2896 Compliant 08 Standby Regulator/Hose 09 Cylinder Restraints
		CARB (Carbogen)	2x2 2 cylinders x 2 cylinders	
		CO2 (Carbon Dioxide)	3x3 3 cylinders x 3 cylinders	
		ENT (Etonox)	4x4 4 cylinders x 4 cylinders	
		OXY (Oxygen)	5x5 5 cylinders x 5 cylinders	
		N2O (Nitrous Oxide)	1Px1P 1 manpack x 1 manpack	
		OTHERS by Symbol		

Ordering examples

MM500-415-AIR 3x3 Comp Auto manifold for air, 3 cylinders per supply bank, AS2896 compliant

Note:

For continuous flows of carbon dioxide and nitrous oxide above 100 l/min please consult manufacturer