

GAS MANIFOLD MC25



The gas cylinder manifold MC25 has a capacity of 25 m³/h and is primarily intended for small and medium-sized hospitals. The gas cylinder pressure is regulated in two steps. The change-over between operating side and reserve side is made automatically without any differences in the operating pressure. Alarm signal comes from the pressure switches to the alarm unit. The alarm signals from the alarm unit can be forwarded directly to a monitoring desk. Function control and service can be carried out without interruption in the gas supply.

SPECIFICATION

MC25 INCLUDES THE FOLLOWING COMPONENTS:

- Gas manifold MC25
- Gas alarm including power supply
- Evacuating kits for collecting pipe
- Shut-off valve for distribution line
- HP filters
- Collecting pipe for 2x1 cylinder

FOR A COMPLETE MC25 MANIFOLD ADD:

- High pressure collecting pipe set (high pressure valves, filters and non-return valves)
- High pressure hoses with safety wire
- Cylinder retaining brackets (included in gas cylinder collecting pipe set)
- Gas name sign

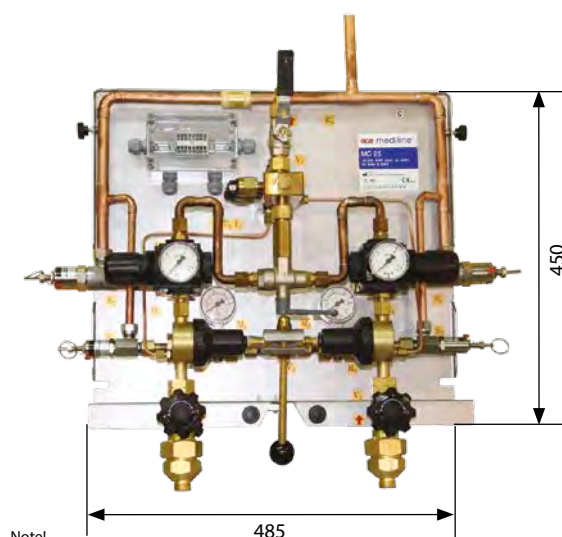
(For more information, please see Accessories section)

Art. Nr.	Denomination	Gas	Safety valve	Alarm
0727315	MC25 - 2x1	O ₂	Manual activation	C44
0727316	MC25 - 2x1	Air	Manual activation	C44
0727317	MC25 - 2x1	N ₂ O, CO ₂	Manual activation	C44

TECHNICAL DATA

Gases:	O ₂ ; Air; N ₂ ; N ₂ O; CO ₂ ; (all medical gases)
Nominal flow:	25 m ³ /h
Inlet nominal pressure:	200 bar (20 000 kPa)
Outlet nominal pressure:	4,5 bar (setting range 0,5-6 bar)
Intermediate nominal pressure:	12 bar (setting range 9-16 bar)
Inlet connection:	W21,8x1/14" M
Outlet connection:	G1/2" M + Soldering piece pipe Ø10, Ø15
Outlet safety valve:	6,8 bar
Intermediate safety valve:	17 bar
Safety valve pipe dimension:	OD = 15 mm
Regulatory status:	Complies with Medical directive 93/42/EEC
	Complies with EN ISO 7396-1 (Central Gas Supply system)
	Complies with EN 60601-1-2 (Electromagnetic compatibility)

BASIC DIMENSIONS



Note!
Measurements in mm.

FLOW CHARTS OF MANIFOLD MC25 PRESSURE CHARACTERISTIC

