

MEDICAL CENTRAL GAS SYSTEM

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.

The 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.

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



GAS MANIFOLD MC25

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

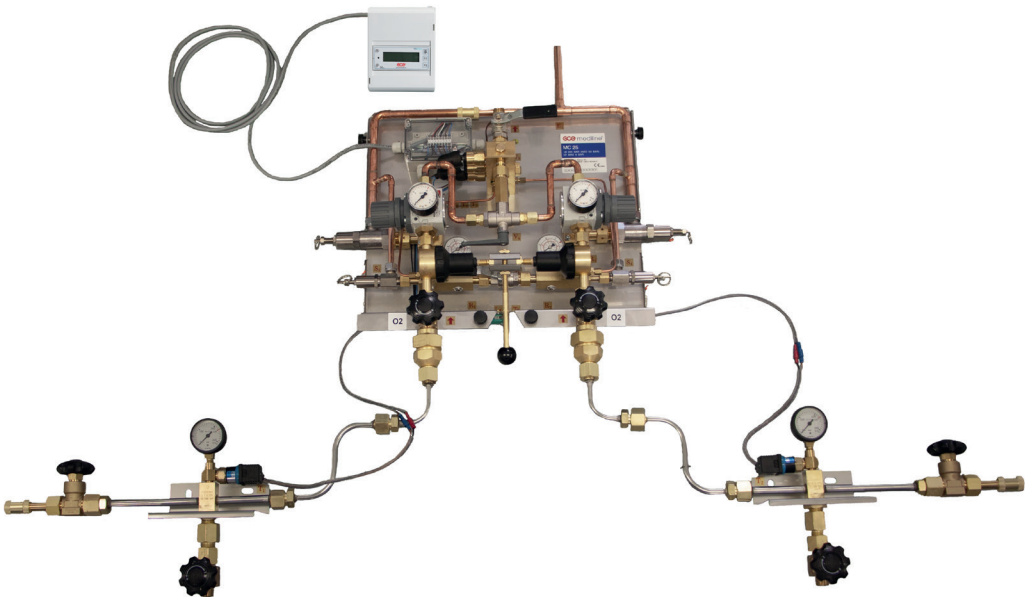
(For more information, please see accessories pages 17–21)

Item No.	Denomination	Gas	PRV	Signalization
0732300	MC25 – 2×1	O ₂	Manual activation	Alarm TMA6703
0732301	MC25 – 2×1	Air	Manual activation	Alarm TMA6703
0732302	MC25 – 2×1	N ₂ O, CO ₂	Manual activation	Alarm TMA6703

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)
Inlet connection:	W21,8×1/14"М
Outlet connection:	G1/2"М + soldering piece pipe ø 10, ø 15 mm
Outlet pressure relieve valve:	6,8 bar
Intermediate pressure relieve valve:	17 bar
Pressure relieve valve pipe dimension:	ø 15 mm
Regulatory status:	Complies with Medical Devices Directive 93/42/EEC
	Complies with EN ISO 7396-1 (Central Gas Supply Systems)
	Complies with EN 60601-1-2 (Electromagnetic compatibility)
	present SIS HB 370 and HTM 02-01

BASIC DIMENSIONS



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