

## GAS MANIFOLD SIMPLEX MMR (FLOW 30 M<sup>3</sup>/H)

The Simplex MMR gas manifold is suitable for such health care where the capacity requirement is limited, such as laboratories and small health care clinics, veterinary etc. This gas manifold consists of only one group of cylinders.

The regulator is mounted in the collection unit. Each inlet connection has a filter, a non-return valve and a shut-off valve. This arrangement makes it possible to use one cylinder at a time.

In order to obtain a stable outlet pressure this gas manifold is equipped with a preset two-stage regulator. On the high pressure side of the regulator there is a contact gauge the signal of which can be carried further to an alarm unit.



### SPECIFICATION

#### SIMPLEX MMR INCLUDES THE FOLLOWING COMPONENTS:

- > Gas cylinder manifold Simplex MMR
- > Collecting pipe Manyflow block for three hoses
- > Gas evacuation kits for collecting pipe

#### FOR A COMPLETE SIMPLEX MMR ADD:

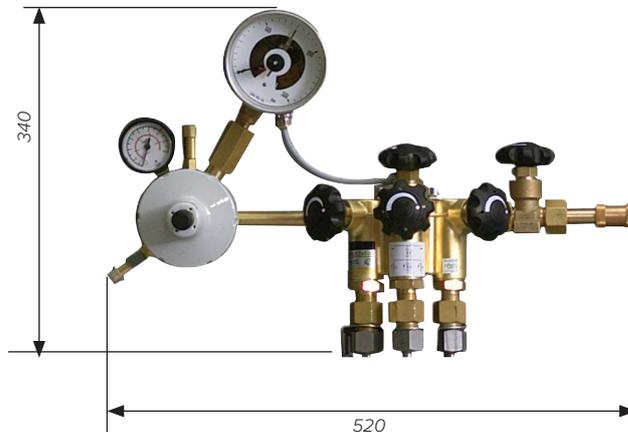
- > Gas alarm
- > Pressure relieve valve with manual activation
- > High pressure hoses with safety wire
- > Cylinder retaining brackets (included in gas cylinder collecting pipe set)
- > Gas name signs
- > Pressure relieve valve

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

| Item No.  | Denomination | Gas  | PRV                 | Signalization |
|-----------|--------------|--|---------------------|---------------|
| 325397702 | Simplex MMR  | O <sub>2</sub> , Air, N <sub>2</sub> , Ar, N <sub>2</sub> O, CO <sub>2</sub> | Standard integrated | Contact gauge |

| TECHNICAL DATA                                |  |
|---|--|
| <b>Gases:</b>                                 | O <sub>2</sub> , Air, N <sub>2</sub> , Ar, N <sub>2</sub> O, CO <sub>2</sub> (all medical gases) |
| <b>Nominal flow:</b>                          | 30 m <sup>3</sup> /h   |
| <b>Inlet nominal pressure:</b>                | 200 bar (20000 kPa)  |
| <b>Outlet nominal pressure:</b>               | 5 bar (setting range 4–5 bar)  |
| <b>Inlet connection:</b>                      | W21,8x1/14" M  |
| <b>Outlet connection:</b>                     | G3/8" M  |
| <b>Pressure relieve valve:</b>                | 6 bar  |
| <b>Pressure relieve valve pipe dimension:</b> | ø 8 mm   |
| <b>Purge valves connection:</b>               | W21,8x1/14" M+pipe ø 15 mm   |
| <b>Regulatory status:</b>                     | 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



Note!  
Measurements in mm.