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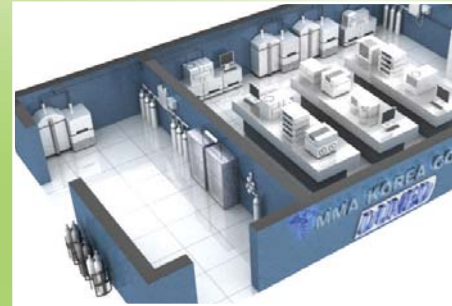
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Medical Gas Manifold



Fully Automatic Manifold Systems

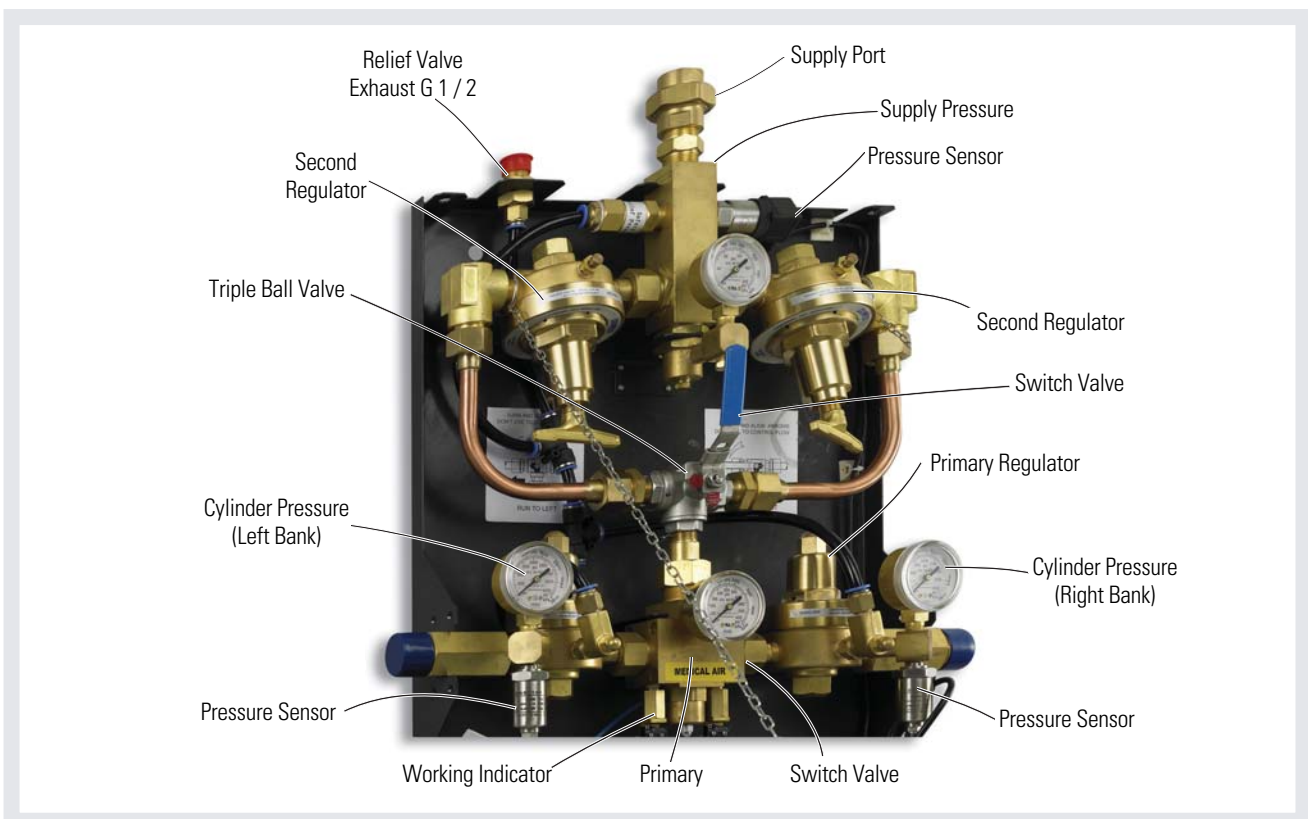


Medical Gas Supply Manifold (Fully Automatic)

Dumed gas supply manifold is designed to provide high gas flows while requiring minimal maintenance. It is intended for use in applications that require an interrupted flow of gas without fluctuating line pressure. Dumed gas supply manifold is available in two kinds of standard model, one is fully automatic change over system, the other is semi-automatic change over system, each specifically designed for its gas service according to ISO, the gas offer: Oxygen, Nitrogen, Nitrous oxide, Compressed air, may be ordered as special items.

- Fully automatic self-contained shuttle-valve with power battery back-up (optional)
- Dual line pressure regulator
- High pressure header isolation valves
- Two limit switches for positive indication of bank in use
- Cost save
- Easy to installation and maintenance
- Complies with HTM 2015, 2022, European, NFPA and ISO Standards.

MANIFOLD CONTROL PANEL LAYOUT



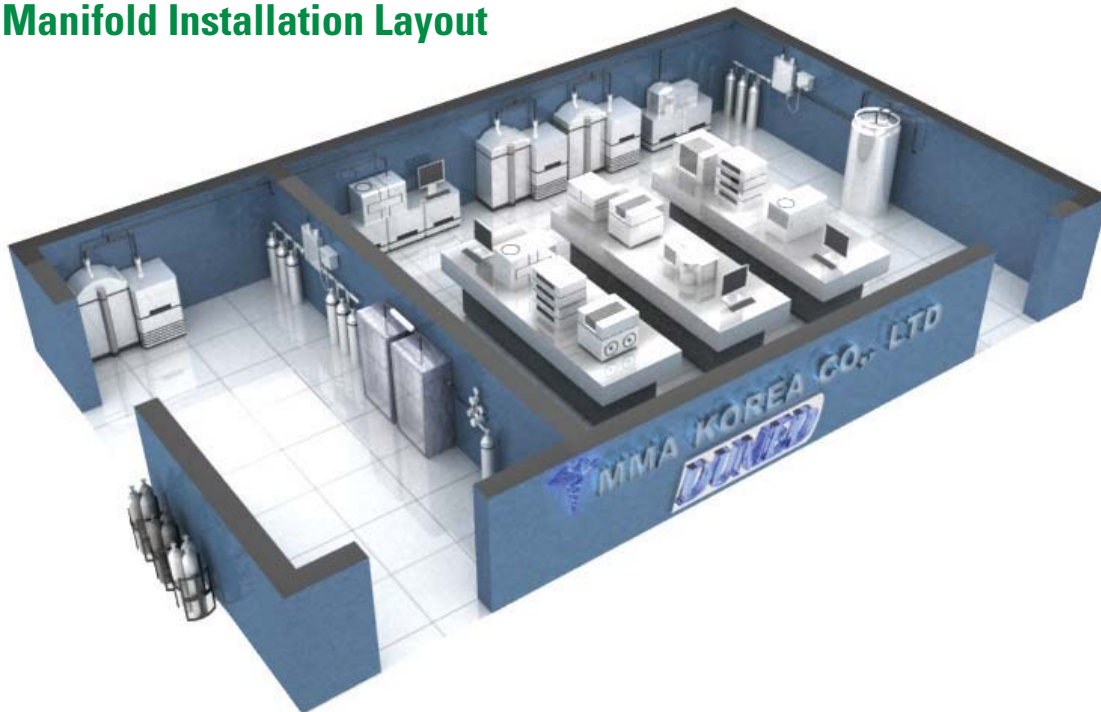
Semi Automatic Manifold Systems



Medical Gas Supply Manifold (Semi Automatic)

- Dual Line pressure regulator
- High pressure regulator
- Cost effective
- Easy to maintenance and installation
- Manual device manifold is also available on request
- Complies with HTM 2015, 2022, European, NFPA and ISO Standards.

Gas Manifold Installation Layout



DUMED Cylinder Manifold Flow Capacities

Delivery Pressure	GAS	Minimum Flow rate	Pressure Drop
55psig	OXYGEN / N ₂ O / CO ₂ / Air	62.8m ³ / hour	5psig
170psig	Nitrogen	144.3m ³ / hour	10psig

※ This flow rate is the minimum flow rate which will be expected just prior to switchover.