

We offer Engineering solutions



Medical Gas Pipeline is designed, fabricated, installed and commissioned by RMS with its highly experienced professionals in the field, following International standards viz., HTM 2022/ NFPA-99/ EN-737. With its large range of Products and wide national presence, RMS takes turnkey projects or complete solution.



- An Internationally accepted network as basic requirement in a hospital.
- An economic network with average recovery of investment in a year's time.
- An uninterrupted source of gas supply, eliminating the risk of sudden scarcity of gas.
- A proven procedure to eliminate contamination to and from the patients by avoiding usage of central cylinders.
- An easy means to handle natural or epidemic hazards with availability of sustained supplies.

# SPECIFICATION

## SOURCE EQUIPMENT

Oxygen/Nitrous Oxide	:	Control panel of Oxygen and Nitrous oxide, Manifold System Complete, Emergency Manifold (Minor)
Vacuum	:	Vacuum Pump, Motor, Filter, Silencer and Reservoir.
Compressed Air	:	Oilfree Compressor, Motor, Reservoir, Filter, Heatless Air Drier, Cooling tower.
<b>Distribution Line</b>	:	Copper pipe and fittings conforming to BS2871, valves, valve boxes.

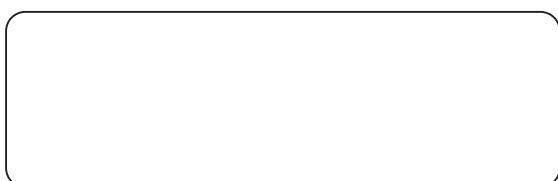
## TERMINAL UNITS

Oxygen	:	Front insertion type outlets with ONLINE service facility, BPC flowmeters with autoclavable humidifiers.
Nitrous Oxide	:	Outlets.
Vacuum	:	Outlets, ward suction units, theatre suction units.
Compressed Air	:	Outlets with adaptor cables for ventilators.
Ancillary items	:	Pendants (single/double arm, manual/motorised, with and without carriers), Bed Head Panels (customised), Alarm units.

## AT RMS WE ENSURE

- Installed copper pipes are as per BS-2871, Cu-DHP standard for Physical and Chemical composition.
- Scientific routing and sizing of Cu pipes from flow requirements, as per laid standard.
- Welding/ Brazing of Cu-pipes with Rupatam - 14/43 using capillary fillings to ensure leakproof joints for longrun.
- Use of own manufactured / quality tested components, viz., manifolds control panels, gas outlets, BPC flowmeters, ward vacuum and theatre vacuum units, Pendants, Alarm units and so on.

*Since R&D is a continuous process, features & specifications subject to change without notice.*



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**Certifications: ISO 9001:2000, EN ISO 13485:2003**