

Fully Automatic Medical Gas Manifold Model LEO-AU

SILBERMANN fully automatic changeover system is designed to meet the NFPA99, or ISO 7396-1, or HTM 02-01 or G-01 standard.

The system manages 2 sources and provides continuous supply and smooth automatic bank switch-over by means of pneumatic shuttle valve.



Features

The SILBERMANN Fully Automatic Medical Manifold is a new approach to medical gas system management.

It employs advanced electronic system technology that redefines the state-of-art for modern health care facilities.

The fully automatic changeover unit is designed for continuous supply and smooth automatic bank switchover, without pressure fluctuation, by means of pneumatic shuttle valve.

In addition to the shuttle valve, the cabinet contains the line pressure regulators, the line pressure gauge, indicators, a set of by-pass valves for manual operation in case of malfunction and an electronic control board.

The LEO-AU Model has an alarm panel with LED indicators for the "IN USE", "CAPACITY BELOW MIN" and "EMPTY" banks, high/low line supply pressure, test and mute buzzer switch button.

A facility for displaying alarms on two separate remote main alarm panels is provided.

The SILBERMANN fully automatic medical gas manifold is designed to meet the NFPA99, or HTM 02-01, or ISO 7396-1 or G-01 requirements.

Available for O₂, Air, N₂O, Nitrogen, CO₂, Argon, H₂, Helium, and other gas mixtures.



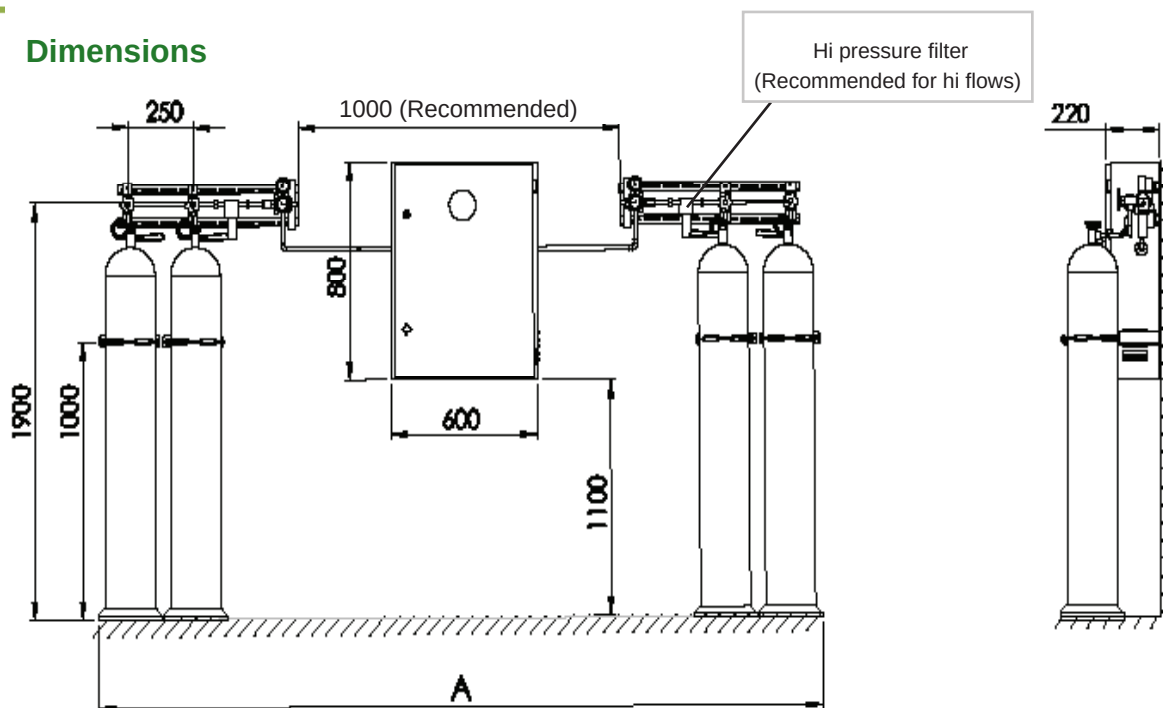


Specifications

- Material – Glavanized steel.
- Dimensions – 60x80x22 cm.
- Finish – baked on powder coated.
- Piping System: All materials are oxygen compatible and cleaned for oxygen use.
- Line Pressure Gauge: 4" diameter.
- Changeover Unit: Pneumatic.
- Power Supply: 110-220V, 60-50Hz.
- Output connections for local alarms: Two sets of dry contacts NO/NC.
- Flow Capacity:
Oxy/medical air (4 bar)- 90 m³/hr.
N₂ / Instrument Air -170 m³/hr.
- Optional:
 - Heaters (for N₂O or CO₂).
 - Bank Hi pressure filters.



Dimensions



Number of Cylinders*	Overall Length -A [meter]**
2X2	2.0
2X3	2.5
2X4	3.0
2X5	3.5
2X6	4.0
2X8	5.0
2X10	6.0
2X12	7.0

* Cylinders aren't included

** Overall length without hi pressure filters installation.

With installation of Hi pressure filters from both sides, add 0.3 meter to the overall length (A) in the table.



Catalogue Numbers (for changeover unit only)

Gas Type	Catalogue No.
Oxygen	7086115
Air	7086125
N ₂ O	7086215
CO ₂	7086415
N ₂	7086315

NOTES:

1. When ordering, please indicate the required type of gas and pigtail connections.
Otherwise CGA connections shall be supplied.
2. The system is supplied with a line safety valve.

Distributed By:

SILBERMANN Technologies Ltd.

Address: #5 Harakevet st. POB 4605, Petah-Tikva, 4900715, ISRAEL

Tel: +972-3-9309186 | Fax: +972-3-9315721

E-Mail: info@silbermann.com, www.silbermann.com