

## Fully Automatic Medical Gas Manifold With External Supply (For Backup) Model LEO-XT

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 3 sources and provides continuous supply and smooth automatic bank switchover by means of pneumatic shuttle valve.



### Features

The SILBERMANN fully automatic changeover unit is designed for continuous supply and smooth automatic changeover from the external supply (when supply stops) to the left and right banks. The changeover from the right to the left bank occurs at 6 bars.

The oxygen pressure from the external supply to the cabinet should be max 12 bars or min 4 bars.

The LEO-XT Model contains an alarm panel with LED indicators for the "IN USE", "CAPACITY BELOW MIN" and "EMPTY" sources, and mutable buzzer for local alarm. A facility for displaying alarm conditions on two separate main alarm panels is provided.

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

# Fully Automatic Medical Gas Manifold Model LEO-XT

## Medical Gas Pipeline

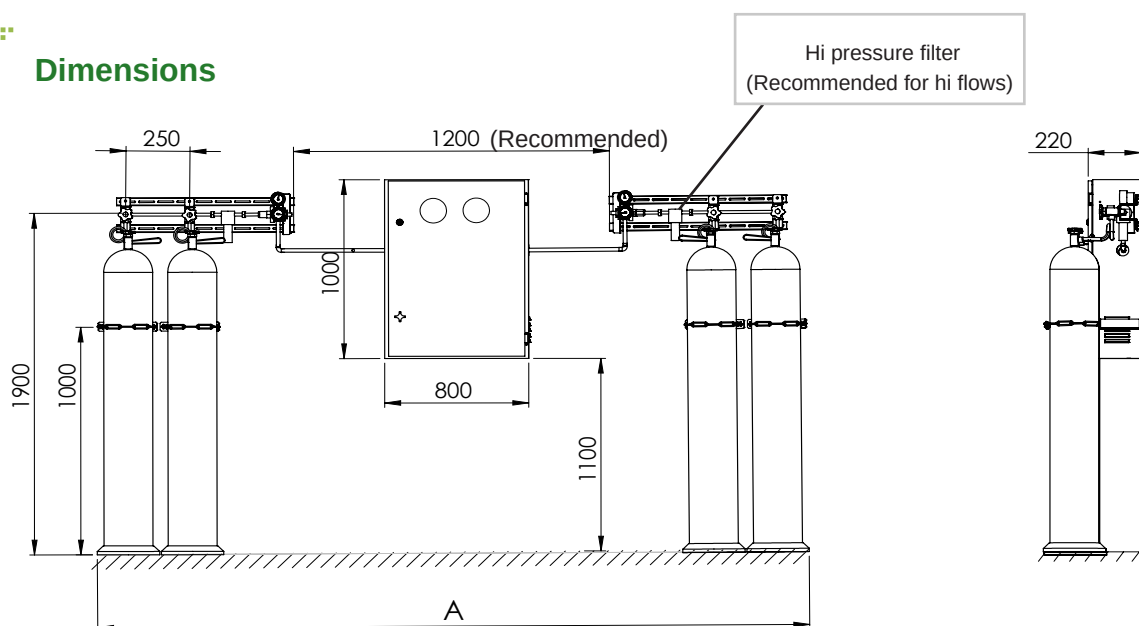


### Specifications

- Cabinet with Door:
  - Material – galvanized steel.
  - Dimensions – 80x100x22 cm.
  - Finish – baked on powder painted.
- Piping System: All materials are oxygen compatible and cleaned for oxygen use.
- Line Pressure Gauge: 4" diameter.
- Main Pressure Gauge: 4" diameter.
- Changeover Unit: Pneumatic.
- Control Unit: Electronic (microprocessor).
- Power Supply: 110-220V, 60-50Hz.
- Indicators: Green, Yellow and Red LEDs
- Output connections for local alarms: Two sets of dry contacts NO/NC.
- Flow Capacity: At 4 bar- 110 m<sup>3</sup>/hr.



### Dimensions



Number of Cylinders*	Overall Length -A [meter] **
2X2	2.2
2X3	2.7
2X4	3.2
2X5	3.7
2X6	4.2
2X8	5.2
2X10	6.2
2X12	7.2

\* 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 changover unit only)

Gas Type*	Catalogue No.
Oxygen	7096117
Air	7096132
N <sub>2</sub> O	7096318

\* Other gases, e.g CO<sub>2</sub>, are available on request.

#### 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:

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