

Ambulance Oxygen Delivery System for 1 Cylinder

The **Ambulance Oxygen Delivery system** is a vital component for emergency medical services, enables a continuous flow of oxygen to patients in need during transport to medical facilities. A complete compact and tidy system providing medical staff with free working space.

Delivery System for 1 cylinder

The system comes equipped with medical gas outlets and a touchscreen control alarm panel. The system guarantees that the patient will receive a steady and reliable supply of oxygen, while the control alarm panel monitors the gas pressure and alerts the medical staff in case of a pressure drop.



Highlights

- 10.1" full HD LCD touchscreen - graphically and digitally displaying the cylinder gas pressure and output pressure, alerting in case of a pressure drop.
- SMS alert when oxygen pressure reduces to a pre-set level - optional.
- Medical Gas outlets type:
Sil-Ohio, ENV 737-6, Puritan Bennett type, DIN, British standard, DISS*.
- Periodical maintenance alert.
- Showing the remaining time until the cylinder's oxygen supply is empty.
- Gas expiration date alert - an alert for the medical gas cylinder expiration date.
- Log History File- Event logging, recording all alarms and panel activities.

Web remote view on the Internet:

online view accessible via a web browser. This website allows authorized users to remotely access and view the data in real-time.

Additional data: GPS data showing the current location of each ambulance by its number.

* Other types of oxygen gas outlets are available according to customers' request.

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

Ambulance Oxygen Delivery System for 1 Cylinder

Emergency Medical
Services



Advanced Features

- Customizable text & language.
- Graphically & digitally display of the actual status of the source - "In use" or "Empty".
- The Visual & audio alarm signals in case of low pressure in the cylinder.
- 4G modem installed.
- Advanced Communication: TCP/ IP Modbus.
- Automatic adjustment of screen brightness (day & night mode).

Applicable Standards:

- ISO 10524, EN-1789, NFPA 1917

Silbermann's Quality Management System:

- ISO 9001-2015
- ISO 13485-2016



System Components:

- 10.1" full HD LCD touchscreen.
- Medical Gas outlets
Sil-Ohio, ENV 737-6, PB, DIN, BS, DISS*.
- Gas sensors/Pressure 4-20 mA transmitter.
- Oxygen Pressure Regulator:
 - Input pressure: up to 200 bar
 - Output pressure: 3.5-4 bar (Regulated pressure)
 - Flow rate capacity of up to 100 liters per minute.
- Flexible gas hoses
- Flow selector 0-25 lpm
- Control card/PCB

Power Requirements

- Voltage: 12V DC supplied from Ambulance Electrical Supply Power.
- 5A Slow Blow fuse 5x20mm.

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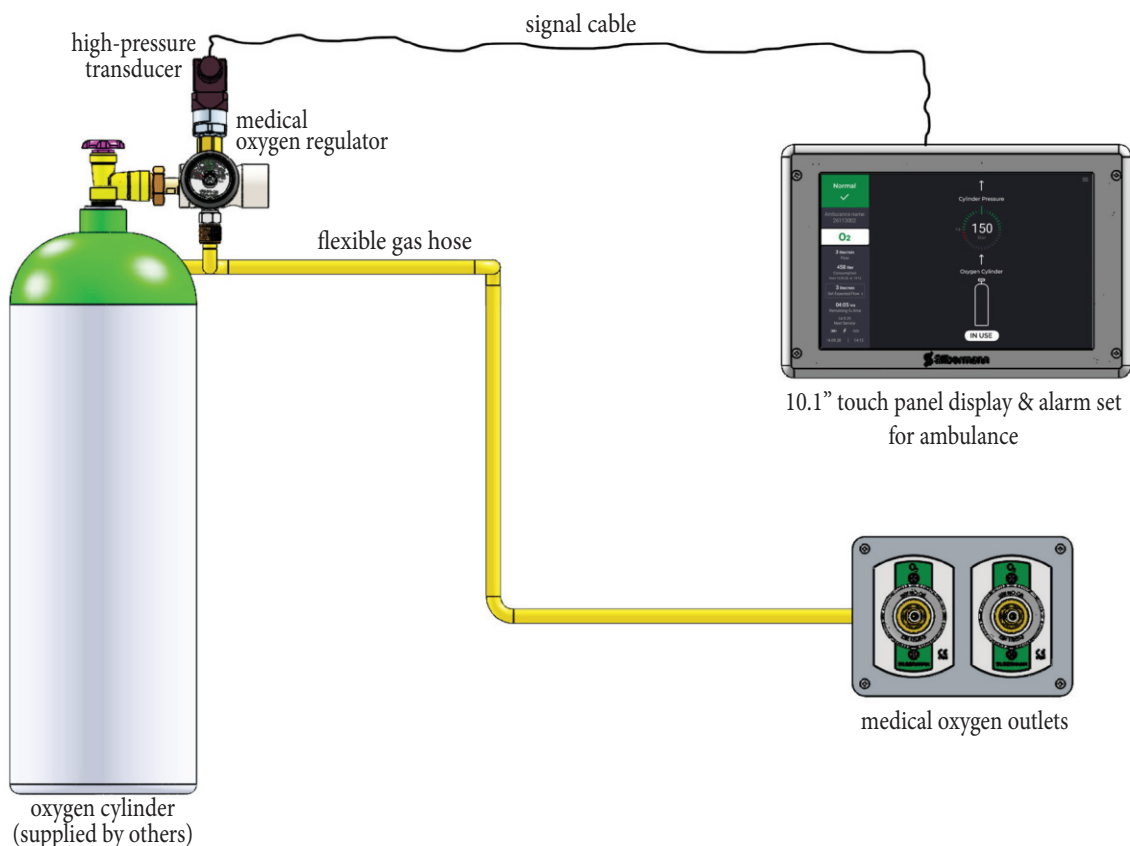
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Medical Gas Systems Since 1950

Ambulance Oxygen Delivery System for 1 Cylinders

Emergency Medical
Services



Diagram



How to order

- Specify the type and number of medical gas outlets required.
- Indicate the required cylinder connection, otherwise G 3/4 shall be supplied.
- Additional secondary equipment: Flowmeters, Flow selectors... shall be ordered separately.

* Other types of oxygen gas outlets are available according to customers' request.

** Oxygen regulator with CGA 540 connector - optional

*** Other types of adapters are available according to customers' request.

Item description	Catalog No.
10.1" Touch Panel Display & Alarm Set for Ambulance	7182507
A pair of Sil-Ohio/ENV* oxygen gas outlets with flexible hose	3725200/3725300
Oxygen regulator with 3/4G connection**	1505400
Flow selector 0-25 Sil-Ohio	4501121

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