

Fully Automatic decompression Unit with LCD Touch Screen Alarm



MD

Medical Devices
IIb Class

CE 0425

Datasheet

Our Single stage fully automatic control panel for medical gases, manufactured since 1988, are composed of two high pressure reducers (tested up to 400bar) , two High Pressure shut-off valves and two Low Pressure shut-off valves for maintenance, stainless steel case white painted, specific gas inlet connection, one pneumatic inverter with the unique and innovative proximity sensor (that show witch side is working), two high pressure switch aim to indicate witch cylinder side is empty. It work in totally automatic way, and the pneumatic inverter ensure the changeover when one of the two cylinder side is empty. All the electrical parts are factory cabled and ready for the medical gas allarm connection. A plexi-glass or steel painted carpentry its available as cover to protec the unit from dust and contaminations.

The touch screen control unit consisting of PLC and integrated HMI 4.5" color touch-screen LCD for panel mounting; 24Vdc power supply
(Alarms and outputs active with contact open >>> 24V=ok 0V=alarm)

A) Total 4 inputs for pressure switch:

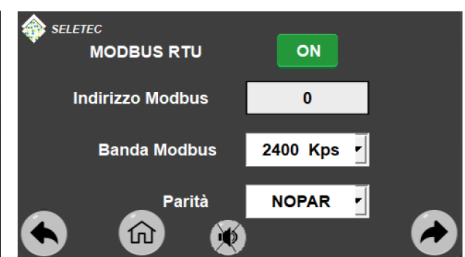
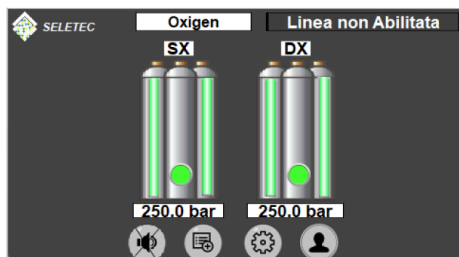
- 1) Left ramp unloaded
- 2) Right ramp unloaded
- 3) Pressure alarm. low line
- 4) Pressure alarm. high line

B) Exits

- 1) LH carryover
- 2) DX carryover
- 3) Line cumulative carryover
- 4) Report cumulative alarms

C) RS485

D) Each line configurable as on or off
ModBUS RTU (alarm status)



Technical Data

Typical Dimensions & Weight

- CENTxxB model, 20kgs, 500x500
- CENTxxL model, 18kgs, 450x400
- CENTxxS model, 44kgs, 750x585

Standards

- EN 7396-1
- EN ISO 10524-2
- EN ISO 15001
- HTN 2022



Contacts

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