ÖXYMO

Electronic oxygen
conserver and
Respiratory monitor

HERSILL
Medical Devices

ÖXYMO

Demand Oxygen Delivery System

This portable electronic device releases an oxygen pulse dose (bolus) at the beginning of the inspiration. The bolus accomplishes the same physiological effect than with continuous flow devices yet with saving in oxygen consumption up to 80%. This leads to an increase in the autonomy of active patients.

- **Smart Flow:** It increases the bolus automatically when the patient strains. Aim: to improve oxygenation during physical effort (patent pending).

- **Smart Assist:** Sensory warning to the patient when the inspiration is not detected. Aim: to educate the patient on the proper use of the device (patent pending).

- **Smart Trigger:** Ultra-fast bolus release system. Adjustable trigger with a very low threshold sensibility (-1.5 to -9.5 mmH_2O). The software incorporates an algorithm for false trigger filtering. Aim: to improve efficiency, especially in debilitated patients.

- **Smart Supervision:** It records events (apneas, alarms, setting changes) and breaths. By the Oxymo-SW software, is possible to configure the device parameters, download data, and perform a graphical and statistical analysis thereof (USB port). Aim: to control the patient compliance (1 year recording).

Other features:

- From 0.5 to 7.5 L /min equiv.
- Programmable from the keyboard of the device or computer.
- Keypad lock.
- The time to activate the disconnection / apnea alarm is programmable from 10 to 60 seconds.
- Auto power-off system.
- Respiratory rate of the patient and trigger signal visible on screen.
- Visible and audible alarms for apnea/disconnection , low battery and O_2 failure.
- Power supply:
  a) 2 NiMH rechargeable batteries (1.2 V). Battery charger integrated in the unit.
  b) AC / DC adapter.

Dimensions: 87 x 66 x 25 mm. Weight :165 g (including batteries)

5550600

CE 0051
CSQ MED ISO 13485
CSQ ISO 9001:2008
CERTIFIED IQNet MANAGEMENT SYSTEM