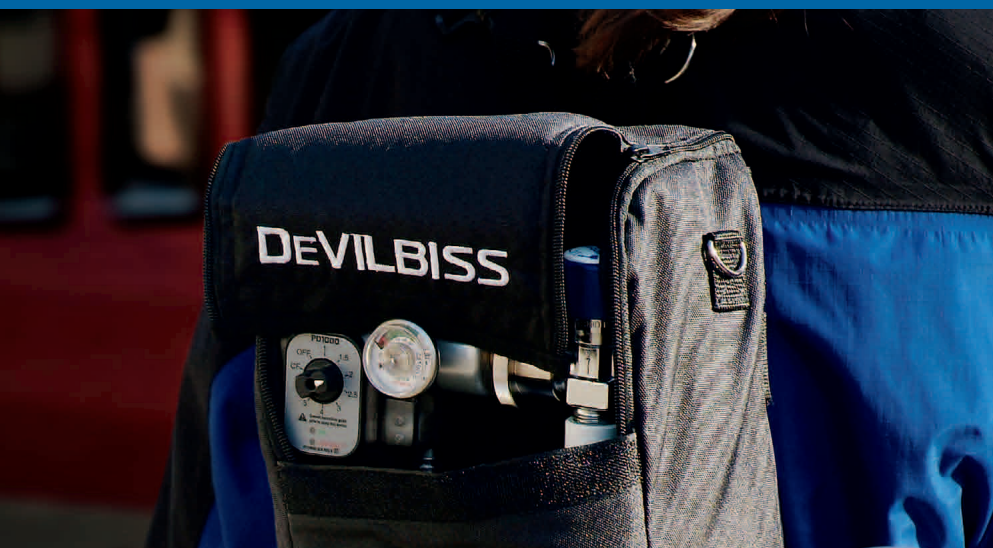


PD 1000

Pulse Dose™ Conserving Device



PD 1000

The DeVilbiss PD 1000 Oxygen conserver regulates and controls medical grade oxygen from a high-pressure cylinder.

It's compact and lightweight design means the DeVilbiss PD 1000 is easily fitted to an oxygen cylinder. The Pulse Dose™ waveform gives true 3:1 conservation of the oxygen in the cylinder. This allows the patient considerably longer use from the cylinder than they would have with the same cylinder fitted with a continuous flow regulator.

Features and benefits

- Rate responsiveness and maximum savings
- Durability, light weight & simple operation
- High-impact polymer case resists damage
- Gentle 10 LPM O₂ flow

- Protected cannula fitting
- Small and light unit
- Adjustable continuous flow flexibility
- Easy change AA-batteries: 200 hrs. life (2 - 4 months life)
- Field-serviceable, reducing turnaround

Features for patient safety

- Acoustic alarm when no breathing is detected (Apnoea)
- Maximum trigger rate of 40 breaths per minute, to avoid hyperventilation.
- Battery check:
 - A green light flashing at normal working conditions and on every breath.
 - A flashing red light indicates that there are 4 - 8 hours of battery life remaining.
 - A constant red light indicates that the battery should be changed immediately



SPECIFICATIONS

Dimensions (H x L x W)

7.1 x 12.0 x 8.6 cm

Weight

570 g / 620 g (with battery)

Power Supply

2 x AA alkaline or NiMH batteries provide approx. 50 days usage (based on 2 lpm, 20 bpm, 4 hrs per day)

Oxygen Delivery Time

5.5 hours (2 lpm CF / 20 bpm equivalency)

Continuous Flow Backup

2.0 lpm standard; 3 - 6 lpm cannula fitting available

Savings Ratio

3:1

Cannula

Single lumen

Pressure Gauge (Built into unit)

Red zone: 0 - 500 psi (0 - 34 bar),
Green zone: 500 - 2250 psi (34 - 155 bar)

Indicators

Normal Pulse: Visual (green LED flashes);
Low battery: Visual alarm (red LED flashes);
Insufficient battery: Visual alarm (Solid red LED)



PD 1000

PD 1000 Setting	Delivery of Oxygen	
1	1.0 l/min.	16.5 ccm
1.5	1.5 l/min.	24.8 ccm
2	2.0 l/min.	33.0 ccm
2.5	2.5 l/min.	41.3 ccm
3	3.0 l/min.	49.5 ccm
4	4.0 l/min.	66.0 ccm
5	5.0 l/min.	82.5 ccm
6	6.0 l/min.	99.0 ccm



PulseDose volume settings



Pressure indicator



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