

## Advanced pulse oximetry for veterinarians



### Veterinary Capnograph

- The CO<sub>2</sub>SMO is a lightweight, portable monitor which verifies critical ventilation and oxygenation information in virtually any clinical setting; from emergency hospital transport to continuous monitoring in the OR, ED, or ICU.
- Utilizes the CAPNOSTAT® mainstream CO<sub>2</sub> sensor with patented solid state design and standard two year unconditional warranty!
- Designed for hassle-free performance in both prolonged and spot check monitoring situations, even under the most adverse airway conditions.
- Monitors both intubated and non-intubated patients.
- Convenient "On-Cable" accuracy verification eliminates the need for bulky calibration gas cylinders.

### Veterinary Pulse Oximeter

- Advanced SuperBright™ digital technology provides superior performance in conditions of low perfusion or motion artifact.
- Innovative reusable Y-Sensor™ is sterilizable and can be used with all patient populations.
- Unique sensor management plan guarantees fixed operating costs and practically eliminates the burden of tracking and handling sensors.
- On-screen plethysmogram with autogained/non-gained selection provides continuous validation of signal quality.

## Technical Specifications

### capnograph

**Principle of Operation:** Solid state mainstream sensor. Single beam, non-dispersive infrared absorption, ratiometric measurement.

**Initialization Time:** Capnogram within 15 sec.; full specifications within 60 sec.

**Calibration:** Routine calibration is not required. 15 sec. adapter zero performed when changing to different style of adaptor.

#### Capnostat® Mainstream CO<sub>2</sub> Sensor:

- Size: 1.30" x 1.67" x 0.85" | 3.30 X 4.24 x 2.16 cm
- Weight: 0.64 oz. | 18 grams - cable excluded
- Shock Resistance: Withstands repeated 6 foot drops.

**Airway Adapters:** Adult/pediatric reusable or single patient use, neonatal reusable, and sampling adapter for non-intubated patients.

**Sampling Flow Rate:** 180 ml/min (for non-intubated patients)

#### CO<sub>2</sub> (Carbon Dioxide):

- Compensations: N<sub>2</sub>O & O<sub>2</sub> (selectable), BP (automatic)
- Capnogram: Selectable sweep speed (12.5 or 25 mm/sec)
- Range: 0 - 100 mmHg
- Accuracy: ±2 mmHg (for 0-40 mmHg) ±5% of reading (for 41 - 70 mmHg) ±8% of reading (for 71 - 100 mmHg)
- Resolution: 1 mmHg Response Time: 60 ms

### pulse oximeter

#### SpO<sub>2</sub> (Oxygen Saturation):

- Range: 0-100%
- Accuracy: ±2% SpO<sub>2</sub> (for 80-100%)  
(1 SD, or 68% of readings within claim)  
Unspecified for 0-79% SpO<sub>2</sub>
- Resolution: 1% Averaging: Menu selectable, 2 or 8 sec.

#### Pulse Rate:

- Range: 30-250 bpm
- Accuracy: ±1% of full scale
- Resolution: 1 bpm
- Averaging: 8 sec.

### general

#### Display:

- Size: 5"W x 1.5"H | 12.7 x 3.08 cm

#### Graphic Trend/Histogram:

- Memory: 24 hr., battery backed
- Format: On-screen or printed, in 30 min., 2, 8, or 12 hr. segments

#### Physical:

- Size: 3.3"H x 9.0"W x 8.0"D | 8.38 x 22.86 x 20.32 cm

#### Electrical:

- Power Requirements: 100-120/200-240 VAC, 50-60 Hz, 30 VA
- Battery: Sealed lead acid gel cell, 2 hr. life, 12 hr. recharge