

Model 9847V

Pulse Oximeter and CO₂ Detector



Portable and Cost-Effective Veterinary Monitoring

Ideal for surgery or dental procedures on intubated animals, the unique 9847V combines semi-quantitative end-tidal carbon dioxide detection with digital pulse oximetry in one portable handheld monitor for maximum functionality. This vital tool is used to aid and verify endotracheal tube placement throughout the intubation period. During the procedure, an audible breath tone is present. Additionally, the 9847V provides accurate blood oxygen saturation, pulse rate data, and a visual respiration indicator. Truly versatile, the 9847V allows simultaneous or independent use of the EtCO₂ detector and pulse oximeter.

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Product Highlights

- Easy-to-Use – Bright LED displays and intuitive icons
- “First Breath” Active – No warm-up required
- Cost-Effective – No calibration needed and long battery life
- Breath Tone – Audible indication of detected breath
- Indication of Pulse Quality – Tri-color perfusion indicator
- Veterinary Specific – Hardware and software



A cost-effective veterinary procedure monitor with rugged and reliable design

- Semi-quantitative technology with mainstream technology
- No warm-up time or calibration required
- Superior pulse rate range of 18-450 for maximum applications
- Programmable and adjustable audible alarm functions and breath tone
- Superior 3-year warranty and rugged construction
- Memory for up to 24 hours of data storage

Features

- Breath tone
- Adjustable volume
- Variable pitch – CO₂
- Portable, compact size

Alarm Functions

- Audible mute
- Audible disable
- SpO₂ high/low
- Pulse rate high/low

Select Your Options



2000SL – Clip-on sensor for tongue applications, paw pads, and well-vascularized areas.



2000T – For placement on the underside base of the tail or other well-vascularized surfaces.



2000SA – Wrap sensor for placement on the toe (large animal) or base of the tail (small animal).



Airway adapter tube – Connect in-line for continuation of ventilation.

Specifications

Dimensions	8.0 cm (3.15") W x 15.0 cm (5.91") H x 2.0 cm (.79") D
Weight	310 grams (11 oz.) with batteries
Memory	24 hours (SpO ₂ , pulse rate, breath interval)
Warranty	3 years
Oxygen Saturation Range (%SpO₂)	0 – 100%
Pulse Rate Range	18 – 450 pulses per minute
CO₂ Range	0 to >75 mmHg
CO₂ Response Time	250ms
Respiration Rate Range	1 – 60 breaths/minute
Breath Detection Threshold	5 mmHg
Measurement Wavelengths	
Red	660 nanometers @ 1.2 mw
Infrared	910 nanometers @ .8 mw
Displays	
Numeric Displays	Two 3-digit 7-segment LEDs (light-emitting diodes)
Pulse Quality	Tricolor LED segments
CO ₂	8-segment LED bar graph
Accuracy	
Blood Oxygen Saturation (%SpO ₂ ±1 SD)	70 – 100% ± 3 digits for the Model 2000SL, 2000SA, and 2000T sensors; below 70% is not specified for all sensors
Pulse Rate	±3% ±1 digit
Temperature	
Operating (pulse oximeter)	-20° to +50°C (-4° to +122°F)
Operating (CO ₂ detector)	0° to +50°C (+32° to +122°F)
Storage	-30° to +50°C (-22° to +122°F)
Humidity	
Operating	10 – 95% noncondensing
Storage	10 – 95% noncondensing
Power Requirements	6AA alkaline batteries
Battery Life	
Operating	90 hours typical operation (pulse oximeter alone), 20 hours typical operation (CO ₂ detector and pulse oximeter)

Classifications per IEC 60601-1/UL60601-1

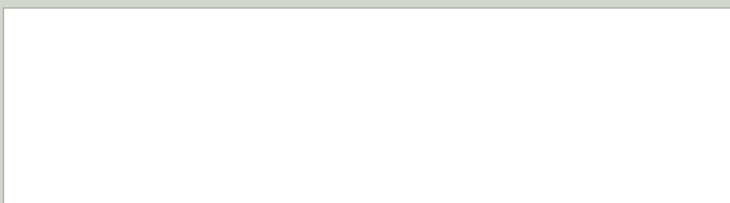
Type of Protection	Internally powered (battery)
Degree of Protection	Type BF-Applied Part
Mode of Operation	Continuous

± A_{mes} encompasses approximately 68% of the population. Quality Systems are registered to ISO 13485.

Specifications are subject to change without notice.



Authorized Distributor:



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