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Pulse Oximeter VET Handheld Pulse Oximeter



Features

The 25000A Veterinary Oximeter is a universal tool with unmatched versatility and cost-effectiveness for all veterinary monitoring and research applications. Compact and easy to use, this Pulse Oximeter is proven accurate for pulse rates up to 450 beats per minute (bpm) and is ideal for monitoring during surgeries.

The 2500A Pulse Oximeter has an audible pulse indicator and large LED displays that are visible in low-light situations. The tricolor perfusion indicator provides immediate feedback to assess pulse quality. This information is useful to determine if repositioning of the necessary an requires little training to interpret.

Sesors

Purelight Vet sensors produce the pure light spectrum which eliminates variations in readings from animal-to-animal and sensor-to-sensor.

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 or foot (small anima).



Key features

- Durable - extremely rugged construction



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Beyntellus 3 - B-2360 Oud-Turnhout - Tel. +32 (0)14 45 13 10 - admin@carfil.be - BTW BE 0420.681.872

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- Extensive Memory - 72 hours data storage
- Easy tot Use - Simple two button operation
- Compact Size - 7 x 13,8 x 3,2 cm
- Flexible Operation - operates on AA batteries and rechargeable batteries

Specifications

Oxygen Saturation Display Range	(%SpO ₂) 0-100%
Pulse Range Display Range	18 - 450 beats per minute (BPM)
Accuracy	Blood oxygen Saturation (%SpO ₂ +/- 1 SD) 70 - 100% +/- 2 digits Pulse Rate: 18 - 450 bpm +/- 3% +/- 1 digit
Measurement Wavelengths	Red 660 Nanometers Infrared 925 Nanometers
Dimensions	7 x 13,8 x 3,2 cm (w x h x d)
Weight	213 gr with alkaline batteries, 233 grams with NiMH batteries
Temperature	Operating -20°C to + 50°C Storage -30°C to + 50°C
Humidity	Operating 10 - 95% noncondensing Storage 10 - 95% noncondensing
Power requirements	Four 1,5V AA-size alkaline batteries

Sensor Placement

2000SL Lingual Clip Sensor

Is convenient for spotchecks and form monitoring during recovery while the animal is immobile. However the sensor is held in place bij light spring pressure that could allow it to become dislodged wiht movement. Further, over time even light spring compressin may interfere with blood flow resulting in signal loss and need to reposition the sensor. The 2000SL is most easily applied tot the rear foot, but the front foot and tail can also be used. For mice, the sensor can be best placed high into the groin.



2000T Transflectance Sensor



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Is also suitable for continuous monitoring, the 2000T transreflectance sensor is the smallest probe and can be applied to the rear of front feet, or to the ventral surface of the tail of the rat. Secured with adhesive tape.



Alternatively the sensor can be attached to the surface of an operating or imaging table and the foot simply taped into position over it.

2000SA Small Animal Wrap Sensor

Can be easily secured and less prone to accidental displacement, making it an ideal option for continuous monitoring during long surgical or other procedures. Adhesive tape, cohesive bandage or a Posey Wrap can be used to assure that the sensor diodes are aligned directly opposite each other and that excessive pressure is avoided. The 2000SA should not be applied to hair-covered or highly pigmented areas.



Ordering number

180000143	Pulse Oximeter 2500 VET incl 2000SL
2000SL	Sensor Lingual clip Sensor
2000T	Transflectance sensor
2000SA	Small Animal Wrap



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