

PM10B

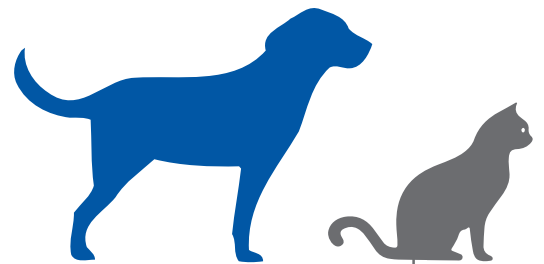
VETERINARY PATIENT MONITOR



MONITOR



The VetSpecs® PM10B is developed for vital signs monitoring and ECG testing in surgery or dentistry.



A technology specially designed for veterinary use!

- ▶ **Capnography:** 2 technologies available: Sidestream ou Mainstream
- ▶ **Pulse oxymetry** with 2 veterinary specific SpO₂ sensors:
 - 1 lingual sensor
 - 1 leg/toe snesor suitable for use on legs and toes covered with pigmented tissue and dense fur and for veterinary use
- ▶ **ECG** registered with a single esophageal probe
ECG kit for dentistry including 2 electrodes and a rectal temperature probe (option)
- ▶ **Core body temperature** with a single esophageal probe



PM10B



VetSpecs® has developed a technology, specifically for the veterinary medicine. Recording and measuring the vital signs by small animals is much more difficult than in the human medicine due to pets size and movements during the screening.

The **PM10B** monitor automatically saves monitoring records and ECG tracings on a USB flash drive.

These data can be reviewed on a computer for analysis and printing (eg: surgery reports).



Different parameters:

► Monitoring ventilation with capnography

Digital capnography

The **SM100** can be equipped with VetSpecs® micro-flow™ sidestream capnography or mainstream capnography along with **Capno M Bluetooth®**.

Sidestream capnography withdraws gas from the airway for measurement inside the module, with a sample flow rate of 50 ml/min, while mainstream capnography measures directly inside the airway.

Both technologies provide CO₂ waveforms, end-tidal CO₂ (EtCO₂), fractional inspired CO₂ (FiCO₂), respiratory sound and visual and audible apnea alarms.



Sidestream module



Capno-M Bluetooth®



5.6" (12.7 cm) display
Weight: 0.6 kg
Dimensions: 17 x 11 x 4.5 cm

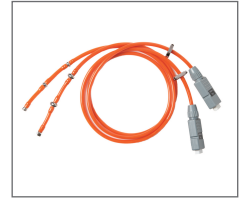
PM10B



Monitoring ECG and temperature

Multi parametric esophageal probes (CAT / DOG / EXOTICS)

Register ECG, HR and core-body temperature with a single esophageal probe, which can be easily inserted into the esophagus of an anesthetized patient in seconds. Due to its proximity to the heart and ensured good contacts, the esophageal probe registers large and interference-free ECG even in smallest patients. **VetSpecs®** esophageal probes are available in two different sizes suitable for cats and dogs of all sizes. An additional esophageal probe for exotics is available as an option.



Esophageal probes

ECG leads

Designed specifically for ECG screening in cats, dogs and animals of similar size.



ECG leads

Set of 3 ECG Limb plates available as an option



ECG limb plates

ECG dentistry kit including 2 electrodes and 1 temperature rectal probe available as an option



ECG dentistry kit

► Monitoring oxygenation with pulse oxymetry

Pulse oxymetry sensors

The **SM100** comes standard with two high sensitive SpO₂ sensors (lingual and leg/toe). The leg/toe sensor is very useful for monitoring in dental and oral surgeries.



SpO₂ sensors



Technical data:

ECG:	1 lead
Curve speed:	25, 50 and 100 mm/s
HR / pulse:	0 – 400 bpm
SpO ₂ :	0 – 100%
Temperature :	29°C – 45°C
CO ₂ :	0 – 100 mmHg / 0 – 10 %
Screen:	5.6" TFT Color LCD
Dimensions:	17 x 11 x 4,5 cm
Weight:	0.6 kg
Power :	220V / 50 Hz



Medical equipment for veterinarians

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