



GIMA

GIMA BM3 VET MULTIPARAMETER MONITOR

Code: 33719

Category: Patient monitors BM3, BM5, BM7

Unit of sale: 1 pc.

Minimum order: 1

Type: No medical device



EAN13: 8023279337198

Description: GIMA BM3 VET MONITOR - VETERINARY

GIMA monitors are configured with

- 7" colour TFT LCD for a clear view
- Individual sweep speed setting for each parameter
- 128 full hours trend data stored
- SpO2 measurement with very low perfusion detection and pulse beep
- 2 traces ECG
- screen freeze on/off
- connection to Central monitoring system using LAN or W-LAN
- Li-ion Battery (for 1.5 hours continuous operation)
- High-performance ECG detection and analysis
 - input impedance for dry skin or electrode patch
 - ST level, PVC count real-time display
 - 3 kinds of Arrhythmia analysis
 - pacemaker detection function
- Enhanced data management
 - graphical and tabular trends
 - 20 cases per 10 sec alarm waveform stored, reviewed and printed
- Internal software selectable in GB, DE, FR, IT, PT, PL, RO, HU, ES, CZ, BG, RU, TR, CN
- User manual: GB, IT (on request: ES, FR, DE)

Technical Specifications:

GENERAL

- Display: 7" colour TFT 800x480 pixels
- Dimensions: 238 x 250 x h 163 mm
- Weight: 3.1 kg
- Trace: 4 waveforms: 2*ECG, SpO2, Respiration, Sweep speed: 6.25, 12.5, 25, 50 mm/sec
- Indicators Categorized alarms (3 priority levels)
- Visual alarm, QRS beep & SpO2 Pulse beep, Percent (%) SpO2 pitch tone, Battery status, External Power LED
- Thermal printer: 25, 50 mm/sec (paper width 58 mm)
- Battery: Rechargeable Li-ion battery
- Operating time: 1.5 hours (fully charged)
- Interfaces:
 - lan digital output for transferring data
 - DC input connector: 18 VDC, 2.5 A max
- Operating voltage: 100-240 V, 50-60 Hz



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- Data storage: 128 hours trends, 20 cases of 10 sec alarm waveform

ECG

- Lead type: 3-lead, 5-lead (option)
- Lead selection:
 - 3-lead I, II, III
 - 5-lead I, II, III, aVR, aVL, aVF, V (option)
- Heart rate range:
 - Adult: 30 to 300 bpm,
 - Neonate/Pediatric: 30 to 350 bpm
- Heart rate accuracy: ± 1 bpm or $\pm 1\%$, whichever is greater
- Sweep speed: 6.25, 12.5, 25, 50 mm/sec
- Filter:
 - Diagnosis: 0.05 to 150 Hz
 - Monitoring: 0.5 to 40 Hz
 - Moderate: 0.5 to 25 Hz
 - Maximum: 5 to 25 Hz
- S-T segment detection range: -2.0 to 2.0 mV
- Arrhythmia analysis: ASYSTOLE, VTACH, VFIB
- Pacemaker detection mode: Indicator on waveform display (user selectable)
- Protection: Against electrosurgical interference and defibrillation

SpO2

- % Saturation Range: 0% to 100% ± 2 digits (70% to 100%)
- Pulse rate range: 30 to 254 bpm ± 2 bpm

NIBP

- Technique: Oscillometric
- Measurement Modes: Manual/automatic/continuous
- Pressure range: 0 to 300 mmHg ± 3 mmHg
- Measurement range:
 - Adult pressure: 20 to 260 mmHg
 - Pediatric pressure: 20 to 230 mmHg
 - Neonatal pressure: 20 to 120 mmHg

Respirations

- Method: Thoracic impedance
- Range: 5 to 120 breath/min
- Accuracy: ± 1 breath/min
- Apnea alarm: yes

Temperature Unit

- Range: 0° to 50°C (32°F to 122°F)
- Accuracy: $\pm 0.1^\circ\text{C}$ (25°C to 50°C), $\pm 0.2^\circ\text{C}$ (0°C to 24°C)
- Compatible with: YSI Series 400 Temperature Probes

Standard accessories:

- 3 lead patient cable (ECG) - vet
- Disposable electrodes: 10 pcs
- NIBP tubing 3 m
- Set of 3 veterinary cuff
- SpO2 sensor - reusable - vet
- SpO2 sensor extension cable 2 m
- DC adaptor (18 VDC, 2.5A)
- Thermal printer
- Rechargeable battery
- User manual (english, italian)