

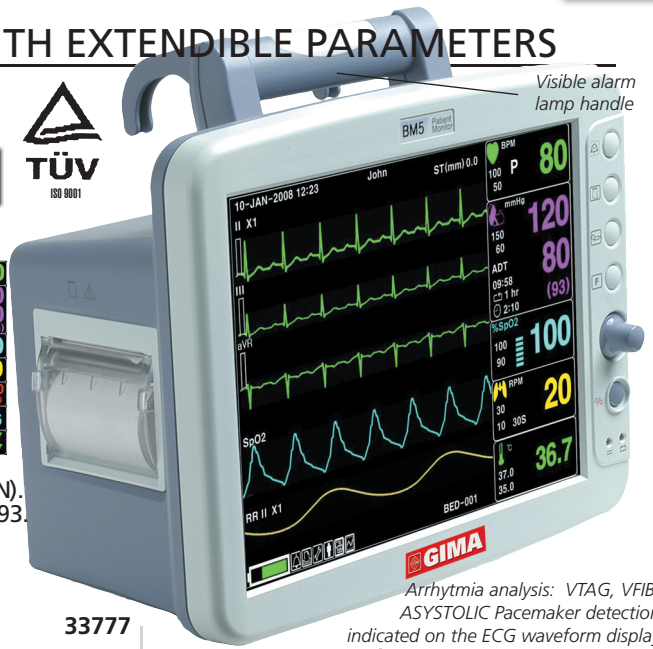
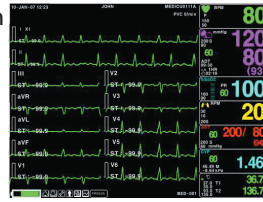
# BM5 MULTIPARAMETER MONITOR WITH EXTENDIBLE PARAMETERS

- 33777 GIMA BM5 MONITOR - 10.4" TFT display - 7 ch ECG
  - 33779 GIMA BM5 VET MONITOR - 10.4" TFT display
  - high-performance ECG analysis
  - ST level PVC count display
  - 13 kinds of Arrhythmia analysis
  - 7 channels
  - 10.4" colour TFT screen with 6 waveforms
  - visible alarm lamp handle
  - SpO<sub>2</sub> technology with very low-perfusion detection
  - SpO<sub>2</sub> pitch tone
  - 58 mm built-in chart recorder
  - graphical and tabular trends of printing
  - LAN or wireless LAN
  - 128 full hours trend data stored
  - direct DC input for vehicle transport
  - Li-ion battery with long life time
  - connection to central monitoring system
  - selectable software language (GB, DE, FR, IT, PT, PL, RO, HU, ES, CZ, BG, RU, TR, CN).
- Standard accessories as BM3 monitor, page 291. Other accessories page 290-293.



**ECG+SPO<sub>2</sub>+NIBP+RESP+ 2 TEMP, optional 2 IBP + ETCO<sub>2</sub> MODULE**

12 Channel display



Visible alarm lamp handle

Arrhythmia analysis: VTAG, VFIB, ASYSTOLIC Pacemaker detection indicated on the ECG waveform display

GIMA code	TEMPERATURE, EtCO <sub>2</sub> AND IBP KIT
33771	Temperature sensor 2.75 m - skin type
33772	Temperature sensor 2.75 m - rectal
33741	Exacon temperature sensor 2.75 m - rectal
33796	EtCO <sub>2</sub> Sidestream module for 33714, 33777/8/9
33790	Intubated Filter Line H - adult - box of 10 for 33796
33791	Intubated Filter Line H - infant - box of 10 for 33796
33792	Non intubated CO <sub>2</sub> nasal cannula - adult - box of 10 for 33796
33793	Non intubated CO <sub>2</sub> nasal cannula - pediatric - box of 10 for 33796
33794	Non intubated CO <sub>2</sub> +O <sub>2</sub> nasal cannula - adult - box of 10 for 33796
33795	Non intubated CO <sub>2</sub> +O <sub>2</sub> nasal cannula - pediatric - box of 10 for 33796
33786	Single line monitoring kit (catheter)
33787	IBP Kit - disposable - single
33788	IBP Kit - reusable (not autoclavable) - single
33789	IBP Kit - reusable (not autoclavable) - double

<p><b>33777</b></p> <p><b>33790</b> Airway adapter set with dehumidification tubing for intubated adult Suitable also for VET (dog, horse)</p>	<p><b>33792</b></p> <p><b>33794</b></p>
<p><b>33791</b></p> <p><b>33791</b> Airway adapter set with dehumidification tubing for intubated infants Suitable also for VET (cat, puppy)</p>	<p><b>33793</b></p> <p><b>33795</b></p>

### TECHNICAL SPECIFICATIONS FOR MONITOR 33777 - 33779

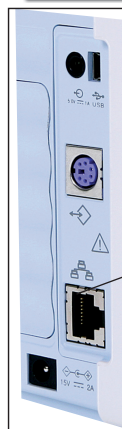
GENERAL	Heart rate range:	Respirations
Dimensions/Weight: 270x185xh 250 mm/4 kg	Adult: 30-300 bpm	Range: 5 to 120 breaths/min
Trace: 6 waveform (ECGx2, SpO <sub>2</sub> , RR or EtCO <sub>2</sub> IBPx2)	Neonate/pediatric: 30-350 bpm	Accuracy: ±1 breath/min
Indicators: categorized alarms (3 priority levels), visual alarm lamp handle, heart rate, SpO <sub>2</sub> pulse pitch tone, battery status, external power LED	Heart rate accuracy: ± 1 bpm or ± 1%, whichever is greater	Apnea alarm: yes
Thermal printer: 25, 50 mm/sec (paper width 58 mm)	Sweep speed: 6.25, 12.5, 25, 50 mm/sec	Temperature Unit
Battery: Li-ion (2 hours operating time)	Filter: Diagnostic mode: 0.67-150 Hz Monitoring mode: 0.67-40 Hz Surgical mode: 5-25 Hz	Range: 15° to 45°C (59°F to 113°F)
Interfaces: LAN digital output for transferring data Nurse call system connection defibrillator sync. output	S-T Segment detection range: - 2.0 to 2.0 mV	Accuracy: ± 0.1°C
DC input connector: 12 to 18 VDC, 2.5A max	Arrhythmia analysis: Asystole, Vtach, Vfib, Bigeminy, Accent Couplet, Irregular, Pause, Pvc, Ront, Trigeminy, Vbrady, Shortrun	Compatible with: YSI Series 400 Temperature Probes
Operating voltage: 100-240 V, 50-60 Hz	Diagnostic analysis: 120 kinds (33779 only)	IBP - option
SpO <sub>2</sub>	Pacemaker detection mode: Indicator on waveform display (user selectable)	Channels: 2
% Saturation Range: 0% to 100%	Protection: against electro-surgical interference and defibrillation	Measuring range: -50 to 300 mmHg
Pulse Rate Range: 0 to 254 bpm	NIBP	Measuring accuracy: ± 1 mmHg (<100 mmHg)
SpO <sub>2</sub> Accuracy: 70% to 100% ± 2 digits	Technique: Oscillometric with linear deflation	Measuring accuracy: ± 1% of reading (>100 mmHg)
Pulse Rate Accuracy: ± 2 bpm	Measurement Modes: Manual-Automatic-Continuous	Pulse rate counting range: 0 to 300 beats/min
ECG	Measurement range: Adult pressure: 20 to 260 mmHg Pediatric pressure: 20 to 230 mmHg Neonate pressure: 20 to 120 mmHg	Zero balancing:
Lead type: 3-lead, 5-lead (33777), 10-lead(33779)	Cuff pressure display: 0 to 300 mmHg	Transducer sensitivity: 5µV/V mmHg
Lead selection: 3-lead: I, II, III (33777/79) 10-lead: I, II, III aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 (33779 only)	B.P. measurement range: Systolic: 40 to 270 mmHg Mean: 20 to 230 mmHg Diastolic: 10 to 210 mmHg	EtCO <sub>2</sub> - option
ECG Waveforms: 3-lead 1 channel (33777/79) 5-lead: 3/7 channels (33777/79) 10-lead: 3/12 channels (33779 only)	Adjustable Cuff Inflation Pressure	Measurement mode: Sidestream
		Measurement range: 0~150 mmHg, 0 to 19%
		Respiration range: 2~150 bpm
		Accuracy: ± 2 mmHg, 0~40 mmHg ± 5%, 41~70 mmHg ± 8%, 71~100 mmHg ± 10%, 101~150 mmHg
		Respiration accuracy: ± 1 breath per minute

# BM1: SLIM AND LIGHT MONITOR WITH STRONG MOBILITY

- 33714 GIMA BM1 MONITOR SpO<sub>2</sub>+NIBP optional Temp. and EtCO<sub>2</sub>
  - Professional multiparameter monitor in compact size:
  - only 60 mm (2.36 inch) thick and 1.0 kg (2.2 lb)
  - easy mounting to an IV pole
  - 4.5 hours battery operation (rechargeable Li-ion)
  - top handle and rear grip
  - monitoring mode and spot check mode
  - 4.3" color TFT monitor for clear view 480x272 pixels
  - touch key and wheel navigation
  - external VGA output for large LCD monitor (option)
  - saves 128 hours trend and 400 cases
  - multilanguage selectable software (GB, FR, IT, ES, DE, PL, PT, RO, BG, HU, CZ, RU, TR, CN, KR)
  - highly advanced CO<sub>2</sub> monitoring technology
  - plug and play EtCO<sub>2</sub> module
- Same accessories of BM line. SpO<sub>2</sub>, TEMP, EtCO<sub>2</sub>, NIBP technical specifications same as BM5.
- 33710 Li-Ion RECHARGEABLE BATTERY - spare

**SpO<sub>2</sub> + NIBP optional TEMP and EtCO<sub>2</sub>**

Supplied with NIBP adult cuff (25-35 cm) with 3 m extension hose, SpO<sub>2</sub> adult finger probe with extension cable (2 m) DC adapter (15 VDC, 2.0 A) pole mount bracket, shoulder strap, rechargeable battery.



Size: 190x125x60 mm  
Weight: 1 kg

