



# GIMA

## GIMA K12 MULTIPARAMETER MONITOR

**Code:** 35306

**Category:** Patient monitors Vital Sign and accessories

**Unit of sale:** 1 pc.

**Minimum order:** 1

**Type:** Medical device

**Class:** II B

**NSIS:** 1977794

**CND:** Z1203020202

**EAN13:** 8023279353068



**Description:** K12 MULTIPARAMETER MONITOR 12" - 5 lead ECG

Multi-functional patient monitors for monitoring the vital physiological signs of adult, pediatric and neonate patients.

Real-time recording and displaying of parameters, such as ECG, heart rate (HR), non-invasive blood pressure (NIBP), oxygen saturation (SpO<sub>2</sub>), respiration (RESP) and temperature (TEMP) allow comprehensive analysis of patient's physiological conditions.

- ergonomic design with intuitive user interface
- USB socket for data transfer and software upgrade
- 9 traces on-screen waveforms
- Windows style display view, easy to operate
- visual and audible alarm for physiological and technical alarms
- large capacity storage
- suitable for use with original Nellcor sensors
- protection against defibrillator discharge, resistance against the interference from electro-surgical unit; Cardiac pacemaker pulse detection and inhibition.

Internal software: GB, DE, FR, PT, ES, IT, PL, TR, RU.

PC software GB, IT, ES.

Compatible with Windows XP, 7, 8,10, 11.

**Technical Specifications:**

**ECG**

Input dynamic range:  $\pm(0.5\sim 5\text{ mVp})$

Differential input impedance:  $\approx 10\text{ MO}$

Bandwidth: 0.05~150 Hz (Diagnostic), 0.5~40 Hz (Monitoring), 1~20 Hz (Operation)

CMRR:  $\approx 90\text{ dB}$  (Diagnostic) /  $\approx 105\text{ dB}$  (Monitoring & Operation)

Sensitivity selection:  $\times 1/4$ ,  $\times 1/2$ ,  $\times 1$ ,  $\times 2$ ,  $\times 4$  and Auto

Sweeping speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s

HR measuring range: 15~350 bpm  $\pm 1\%$  or  $\pm 2\text{ bpm}$ , whichever is greater

Pacemaker pulse detection and rejection function

**RESP**

Measuring range: 0~120 rpm  $\pm 5\%$  or  $\pm 2\text{ rpm}$ , whichever is greater

**TEMP**



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Measuring range: 21.0~50.0 °C  $\pm 0.2$  °C from 25~45 °C

## **NIBP**

**Technique: Oscillometric method**

**Typical measurement time: <30 seconds (adult cuff)**

**NIBP measuring range: SYS: 40~275 mmHg (Adult) / 40~200 mmHg (Pediatric) / 40~135 mmHg (Neonate)**

**NIBP measuring range: DIA: 10~210 mmHg (Adult) / 10~150 mmHg (Pediatric) / 10~95 mmHg (Neonate)**

**NIBP measuring range: MAP: 20~230 mmHg (Adult) / 20~165 mmHg (Pediatric) / 20~110 mmHg (Neonate)**

**NIBP measurement mode: Manual, Auto, STAT, Multi-cycle mode**

**NIBP measuring accuracy: Mean difference:  $\pm 5$  mmHg**

**Standard deviation: 8 mmHg**

**Auto measuring intervals: 1-480 min**

## **SpO2**

**Technique: Dual-wavelength optical method**

**Measuring range: 0%~100%  $\pm 2\%$  for SpO2 range 70~100%**

**PR measuring range: 30~250bpm  $\pm 2$ bpm or  $\pm 2\%$ , whichever is greater**  
**Low perfusion performance: As low as 0.3%.**

## **Other Specifications**

**Power supply: AC 100-240 V, 50/60 Hz, 60 VA**

**Built-in lithium battery: 11.1V/4400 mAh**

**Display: 12 or 15 inch TFT display**

**Alarming method: 3 levels audible-visible alarm**

**Networking: Ethernet**

**Safety standard: IEC 60601-1**

## **Standard accessories:**

- Adult SpO2 probe
- NIBP adult cuff
- SpO2 extension cable
- ECG cable
- Skin temperature probe
- Power supply cable
- Re-chargeable lithium battery
- Dust-protective cover
- Disposable electrode
- Manual: GB, FR, IT, ES.
- PC software: GB, IT, ES.