MS400 MULTIPARAMETER SIMULATOR



Product Code	54602
Unit of sale	1 pc
Minimum order	1
Type	No medical device
Class	

UK-REP	Not required
CH-REP	Not required

EAN/UPC	6945040101031

Description

GIMA MS400 MULTIPARAMETER SIMULATOR

Portable multiparameter simulator which can accurately simulate 12-lead ECG, respiration, temperature and 4-channel IBP.

- simulate 35 kinds of arrhythmia (including Atrial, Ventricular, Premature Beat and Conduction Defects) and pacemaker waveforms (including Asynchronous, Demand Occ Sinus, Demand Freq Sinus, A/V Sequential, Non-Capture, Non-Function)
- simulate 4 channel IBP data and 4 kinds of temperature data
- simulate respiration signal with adjustable respiration rate, impedance change and baseline impedance and 3 kinds of apnea data
- simulate square wave, triangle wave, pulse wave and sine wave with adjustable frequency
- simulate standard ECG signal, adult/pediatric ECG signal
- AHA, MIT ECG database, other ECG database and userdefined waveform data stored in TF card can be displayed by the simulator and exported to the equipment to be tested
- ECG waveform complied with the standard of ANSI/ AAMI EC13-2002.

Supplied with built-in lithium battery, power adapter and manual (GB, IT, DE).
Firmware languages: GB, IT, DE, PT, RU.

Technical Specifications

ECG: 12-lead ECG
ECG Rate: 0, 15, 20, 25, 30, 40, 60, 80, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 350 bpm
Amplitude: 0.5mV, 1.0mV, 1.5mV and 2.0 mV; ±2%
Respiration Rate: 0(Apnea), 15, 20, 30, 40, 60, 80, 100, 120 and 150 r/min; ±1 r/min
Apnea: 12 s, 22 s, 32 s
Impedance: 0.2 ohm, 0.5 ohm, 1.0 ohm and 3.0 ohm; ±3%
Temperature range: 0-40°C; ±0.2°C
IBP range:
1: -100, 0, 80, 160, 240, 320 and 400 mmHg
2: -100, 0, 50, 100, 150, 200 and 250 mmHg
3: -100, 0, 20, 40, 60, 80 and 100 mmHg
4: P4 tracks the static pressure levels of P3
Keyboard: 10 numeric keys and 7 function keys
Display: 3.5” colour TFT touch screen
Power supply: built-in 3700 mAH, 3.7 V rechargeable lithium-polymer battery or 9V, 1000mA DC power supply
Size - weight: 188.6x125xh 43.2 mm - 1.4 kg