ELECTROCARDIÓGRAFO H3

ESPECIFICACIONES TÉCNICAS

Estándares de Seguridad	IEC60601-1	Medical Electrical Equipment-Part 1: General Requirements for Safety and essential performance
	IEC60601-2-25	Medical Electrical Equipment-Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs

	IEC 60601-1-2	Medical Electrical Equipment-Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic compatibility - Requirements and tests
	EC11	Single channel and multichannel of electrocardiographs

Dimensiones	235mm×190mm×52.6mm
Peso	1.18kg (including main unit, recorder and battery, not including accessories)
Pantalla	6.2 inch LCD color touch screen with resolution of 800×480 pixels

Ambiente de trabajo	Work Temperature	5℃～40℃
	Relative Humidity	≤93%
	Atmospheric Pressure	700hPa～1060hPa

Transporte y almacenaje	Temperature	-20℃～+60℃
	Relative Humidity	≤93%
	Atmospheric Pressure	700hPa～1060hPa
	Must avoid severe shock ,vibration, rain and snow during transport	

Fuente de alimentación	Rated voltage	100-240V～
	Rated frequency	50Hz/60Hz
	Rated input power	40VA
Batería	Specifications	11.1V ⎓ 2600mAh
	Charge time	Under ambient temperature of 25 ℃± 5 ℃ , charge to 90% for less than 3 hours and charge to 100% for less than 3.4 hours.
	Discharge time	For a fully charged battery under ambient temperature of 25℃±5℃, the electrocardiograph should print at least 500 ECG reports, or conduct continuous recording for at least 2 hours, or conduct recording with no record paper for at least 7 hours.

Grabadora	Recording Method	Thermal dot-matrix printing
	Record Paper	80mm×70mm Folded thermosensitive paper 80mm×20m Rolled thermosensitive paper
	Width of Record Paper	80mm

	Valid Recording Width	72mm
	Paper Speed	5 mm/s,6.25 mm/s,10mm/s,12.5 mm/s, 25mm/s, 50mm/s; Error:±2%

Unidad principal	HR calculation	Peak detection
	Input Method	With defibrillator-proof protection
	Leads	Standard 12 leads and switching leads automatically
	Heart rate measurement range and accuracy	30～300bpm ; ±1% or ±1bpm ,whichever is greater
	Sampling Mode	12 channels simultaneously
	Time Constant	≥5s
	Frequency Characteristics	0.05Hz ~ 150Hz ($^{+0.4dB}_{-3.0dB}$)
	Sensitivity	2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 20/10mm/mV, 10/5 mm/mV and AGC. The default sensitivity is 10mm/mV. Error: ±2%
	Input Impedance	≥50M Ω
	Stand Voltage	Applying ± 650mV d.c. polarization voltage, the range of sensitivity is ±5%.

	Input Circuit Current	≤50nA
	Calibration Voltage	1mV±1%
	Noise Level	<15 Vp-p
	Multichannel crosstalk	≤0.5mm
	The skew between channels	＜100μs
	Filter	AC Filter: 50Hz, 60Hz, OFF
		DFT Filter: OFF, 0.05Hz, 0.10Hz, 0.20Hz, 0.50Hz
		EMG Filter: 25Hz, 35Hz, 45Hz, OFF
		LOWPASS Filter: OFF, 75Hz, 100Hz, 150Hz
	CMRR	≥110dB
Función de espera		The response time of exiting standby status is less than 10s.