

YASHAM 110

1 Channel Electrocardiograph



Technical Data of YASHAM 110:

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Patient input circuit: Fully floating and isolated] defibrillation protected Class I, Type CF (based on IEC 60601-1)

Monitor Display:

- 12 channel display or Rhythm
 - Heart Rate
 - Sensitivity: 2.5,5,10,20 mm/mV or Automatic
 - Filter status (Notch , Low-pass , Drift, EMG)
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Recording Mode and Format: 1channel (manual and auto mode) + Rhythm mode

Recording Data:

Patient data: name, age, height, weight, User ID, Gender, blood type ,heart rate
List of all ECG recording conditions (date, time, filter, speed)

Recording Mode and Format:

Auto, Manual, Rhythm

Low pass Filter: 25,35,75 or 150Hz

ECG Amplifier:

Simultaneous recording of 12 leads

Sampling frequency: 1000 Hz

System:

Dimensions: 60Hx245Lx92M, approx.1 kg

On-Screen Status Indicators: power source, Battery status, date, time

AC Power input for Charger: 100-240 VAC, 1-0.4A, 50/60Hz

Stand-alone operation with Built-in rechargeable Li-ion battery, integrated power supply unit

Battery Capacity: 5 hours of normal use

Chart Paper: Thermo-sensitive, 50 mm wide

Printing Process: High-resolution thermal head printer, 8 dots/mm

Environmental conditions:

Temperature, operating: 10°C to 40°C

Temperature, storage: -10°C to 50°C

Relative humidity: 25% to 95% (no condensation)

Standards:

Safety: IEC (EN) 60601-1, IEC (EN) 60601-1-2(EMC)

Performance: IEC (EN) 60601-2-25 ,ANSI/AAMI EC11

Software: EN62304,IEC(EN)60601-1-4

Applied part: CF according to IEC 60601-1

Optional Interface:

USB OTG: For upgrading firmware by qualified operator and for transferring data to PC or any host device.

Micro SD: for saving recorded ECG signal data on Micro SD card.

