

ESY-G1 is single channel ECG machine. All 12 channels are serially acquired and printed on 2" thermal paper.

1. Dimension and Weight

Dimensions : 211 L X 161 W X 66 H
Weight : 1.5 kg. (With Battery)

2. Environmental

Operating Temp. : -5 °C to +50 °C.
Operating & Storage : up to 95 % non-condensing.
Humidity

3. Performance

Display : 16 X 2 alphanumeric blue LCD display with backlit.
Language : English
Printout : ECG trace, Gain, Paper speed, Lead marking and calibration pulse
Recording format : Auto and manual
Writing device : Electronic thermal array printer
Recording length : Auto2-2sec/lead (factory set- Auto format)
Auto3- 3 sec/lead
Auto4- 4 sec/lead
Recording paper : Thermal, 50mm, 20mtrs

4. Power supply

Input : 150 - 260 VAC, 50 Hz, 1 Ø.
Output : 18V DC @ 1.2 A.
Battery : 12 V /0.8A rechargeable.
Battery backup : More than 50 prints on full charge (can be enhanced)
Power consumption : < 20 Watt
Charging Time : 12hrs approximately for fully discharged battery

5. ECG

Frequency response : 0.05 to 150 Hz with notch at 50 Hz
Input impedance : 10 M ohm
Time constant : > 3.2 sec
A/D conversion : 12 bit
Noise : < 20 μ V_{p-p}
Leakage current : < 10 μ A
CMRR : > 120 dB
Patient isolation : Optical isolation.
Lead selection : standard 12 leads

Gain : 5, 10 & 20 mm/mV
Sweep speed : 25.0, 50.0 mm/S.
Protection : Resistant to Defibrillator

***Due to our continuous product improvement program, features can be enhanced.**