

Model 1307/1308

Ultra Compact 3/12 Channel
ECG Holter Recorder



Features:

- Advanced miniaturization provides an ultra compact and lightweight ECG Holter design.
- High resolution and sample rate enable high quality ECG signal capture with less artifact.
- Advanced amplifier and A/D converter allows for exceptional signal quality.
- Independent pacemaker detection and VLP measurement.
- Recording for 4 days with one AAA battery, and up to 6 days for 12 Channel and 14 days for 3 Channel with battery replacement.

SPECIFICATIONS

Accessories

- 2 GB SD memory card
- USB SD memory card reader
- Recorder user manual
- Carrying case & strap
- 5 or 7 lead ECG patient cable (1307)
- 5, 7 or 10 lead ECG patient cable (1308)

General

Recording time:	Up to 14 days (Continuous Recording Enabled)
Storage medium:	SD card
Memory size:	1 GB or more
Data transfer:	SD card reader
Batteries:	1 AAA size alkaline battery
Dimensions:	2.6 x 2.0 x 0.6 (inch) / 67 x 53 x 15.5 (mm)
Weight:	1.4 oz / 40 g (without battery)
Case material:	PC + ABS plastic
Regulatory:	FDA cleared / CE Marked



ECG

No. of ECG channels:	3 (1307), 12 (1308)	System noise:	<50 μ Vp-v
No. of ECG electrodes:	5 or 7 (1307); 5,7 or 10 (1308)	Multi-channel crosstalk:	<0.2 mVp-v
Pacemaker detection:	Independent channel	Bandwidth:	0.05 Hz - 40 Hz (3 dB)
Input dynamic range:	\pm 5 mV ECG, \pm 300 mV DC offset	Minimum QRS size:	50 μ Vp-v
Input impedance:	>10 M Ω	Timing accuracy:	<30 s / 24hrs
CMMR:	>80 dB	Sampling rate:	128 Hz or 256 Hz for ECG, 1K Hz for VLP and 10K Hz for pacing spike detection
Gain accuracy:	<10%	A/D resolution:	12 bit
Gain stability:	<3% / 24hrs	Operation Environment:	Temperature: 41 - 113 $^{\circ}$ F / 5 - 45 $^{\circ}$ C Humidity: 10 - 95% Pressure: 646.6 - 797mmHg / 86 - 106 kPa