



MADE
IN
GERMANY



DIXION 12 Channel ECG ECG-1012

Lightweight and portable digital 12-channel ECG machine. Large graphic LCD with backlight. Internal ECG data storage (500 ECG records). Automatic ECG data interpretation. Built-in rechargeable lithium battery. Folded thermal paper output. USB interface for patient record transmission. Ethernet and RS-232 interface connection to PC. Sleep/Wake-up mode. Various report formats.

Features :

- Compact and lightweight design with carry handle
- 5.7" high-resolution folding antiglare screen
- USB Interface for patient record transmissions
- Ethernet and RS-232 interface connection to PC
- Data recording, analysis, printing and storage provided by one touch operation
- Sleep/Wake-up mode for saving energy and extending LCD life
- Various report formats to meet different needs
- Automatic arrhythmia detection and recording
- Internal storage of 100 digital ECG records, including analysis and interpretation

DIXION

Specification :

Features	Description
Lead	12 Standard leads
Input Circuit	Floating input circuit, protection from defibrillation and pace-maker
Frequency Response	± 0.05 Hz - 150 Hz
Calibration voltage	1 mV $\pm 2\%$
Input Impedance	± 50 M Ω
Input Circuit Current	≤ 10 nA
Noise level	< 15 μ Vp-p
Baseline Drift correction	Automatic
Filter	EMG-Filter : ± 25 Hz/35 Hz/45 Hz/Off
	DFT-Filter : $\pm 0.05/0.15/0.25/0.5$ Hz
	Lowpass filter : $\pm 150/100/75$ Hz
	AC-Filter : on/off
	Time constant : ≥ 3.2 s
CMRR	≥ 115 dB
Recording Mode	Auto/Manual
Safety Standards	IEC 60601-1: 1988+A1+A2
	EN 60601-1:1990+A1+A2
	IEC/EN60601-2: 2001+A1
	IEC/EN60601-2-25
	ANSI/AAMI EC-11
Power supply	AC : 100 - 240V, 50 - 60 Hz Built-in rechargeable Li-ion battery : voltage 14.8 V
Recording Paper	Folded paper, Rolled paper
Paper speed	5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s ($\pm 3\%$)
Dimension	420 x 330 x 105 mm
Display	320 x 240 dot single color LCD Screen
Communication Interface	Ethernet, RS 232, USB
Lead for rhythm test	1 or 3 lead Option
Weight	5 kg

\pm = Tolerance Measurement 10%

Accessories :

- Adapter lead cable banana to clip
- Chest electrodes bulb
- Limb electrodes
- ECG Paper
- Holder paper roll

Holder paper roll



Chest electrodes bulb



Limb electrodes



Adapter lead cable banana to clip



ECG paper

