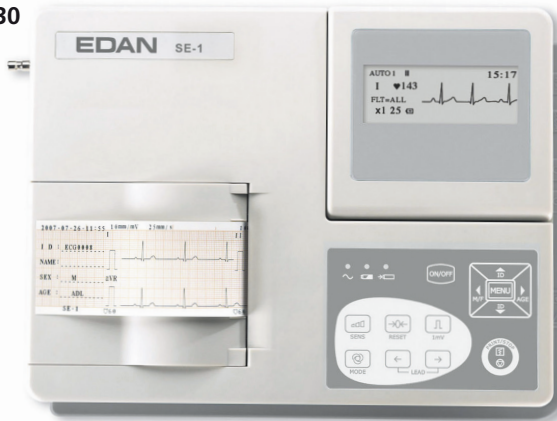


SMART SINGLE AND THREE CHANNEL ECG

33330



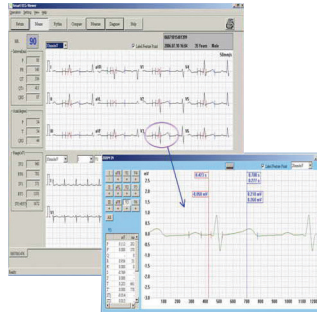
33332

Single and three channel with 12 channel display



PORTABLE ECG - 1 and 3 channel

- Complete digital design
 - Folding up LCD display waveforms, parameters configurable
 - High resolution thermal printing
 - Built-in rechargeable Li-ion battery, AC/DC supply
 - Complete digital filter, avoid baseline drift, AC, EMG interfere
 - Baseline automatic adjustable, optimize printing position
 - Auto/manual operation selectable
 - Lead-off detection and display
- Three channel ECG also features**
- 12 Lead simultaneous acquisition
 - Automatic ECG parameters measurement and analysis
 - Selectable printing format: Auto, manual, rhythm
 - Support USB ink-jet printer for 12 leads printing



TECHNICAL SPECIFICATIONS

	33330	33332
Input Circuit:	floating input circuit, protection from defibrillation and pace maker	
Lead :	Standard 12 leads	
Acquisition mode:	Single	12 leads simultaneously
Time constant:	> 3.2 s	
Sensitivity:	2.5, 5, 10, 20, mm/mV	
Input impedance:	> 10 MΩ	> 50 MΩ
Anti baseline drift:	Automatic	
Filter:	EMG Filter 35 Hz (-3 dB) AC/DFT Filter 50 Hz/60Hz (-20 dB)	EMG Filter 25Hz/35Hz/off DFT Filter 0.05/0.15 /0.25/0.5Hz Low pass filter 150Hz/100Hz/75Hz AC Filter 50 Hz/60Hz
CMRR:	>90dB	>100dB
Recording mode:	Auto/Manual	Auto/Manual/Rhythm
Rhythm lead:	Any lead selectable	
Safety standard:	IEC I/CF	
Power supply:	AC: 100V-115 V/220V-240V, 50/60 Hz Rechargeable Li-ion battery: voltage: switchable=14.4 V More than 3 hours continuously operation under battery supply	
Recorder:	Thermal printer	
Record paper:	50mmx30m	80mmx20 m
Paper speed:	25mm/s, 50 mm/s (± 3%)	5mm/s, 10mm/s, 12.5mm/s, 25mm/s
Dimension:	288mmx210mmx70mm	
Weight:	2.3 kg (with battery)	2.5 kg (with battery)
Display:	192x64 pixel LCD	320x240 pixels LCD (Wide screen)
Display language selectable	Eng - Ita	Eng - Ita - Spa - Fra - Russian
Interface:	RS232	Ethernet, RS232, USB

GIMA code	SMART ECG AND ACCESSORIES
33330	Smart SE-1 Single Channel ECG
33332	Smart SE-3 Three Channel ECG - interpretative
33336	ECG-Viewer Software (English and Italian)
33801	Thermal paper - roll 50mm x 25m for 33330 and 33305
33802	Thermal paper - roll 80mm x 25m for 33332/3 and 33306
33328	ECG cable - spare
33318	Rechargeable Lithium battery 2200 mAH - spare

STANDARD ACCESSORIES

Patient cable	1 roll of paper
1 bottle of gel	4 limb electrodes
Manual: English, French, Spanish, Italian	6 chest limb electrodes
	Rechargeable battery

PALM ECG: CARDIO-A AND CARDIO-B - SINGLE CHANNEL



4 MEASUREMENT MODES: PALM, LEG, CHEST, TRADITIONAL

33261

GIMA code	PALM ECG AND ACCESSORIES
33260	CARDIO-A palm ECG
33261	CARDIO-B palm ECG
33265	ECG viewer software+USB cable - optional
33264	ECG lead cable - 3 leads - optional



33260

PALM ECG are designed for general practitioners or for domestic use for users who may suffer of cardiovascular diseases such as hypertension, coronary heart diseases, giving them the possibility of a daily ECG. Records can be saved and used as a reference for clinical applications.

4 measurement modes: on palm, on leg, on chest or lead wire traditional measurement.

Main features:

- small, portable and easy to use
- 30 second ECG waveform and measurement result
- 24 ECG waveform can be saved in memory
- Analysis and report of 8 types (CARDIO A) and 17 types (CARDIO B) of ECG waveform
- USB interface with option data cable and ECG viewer software
- Traditional measurement with optional ECG cable

TECHNICAL SPECIFICATIONS

	CARDIO A	CARDIO B
ECG bandwidth:	1 Hz - 40 Hz	
Heart rate measuring range:	30 - 240 bpm ± 2 bpm	
LCD back light display:	128x64 dot matrix	240x160 dot matrix
Display size:	49x25 mm	57,6x40mm
Power:	2XAAA batteries	
Dimensions	115x58x18mm	125x70x21,5mm
Weight	65g	106g