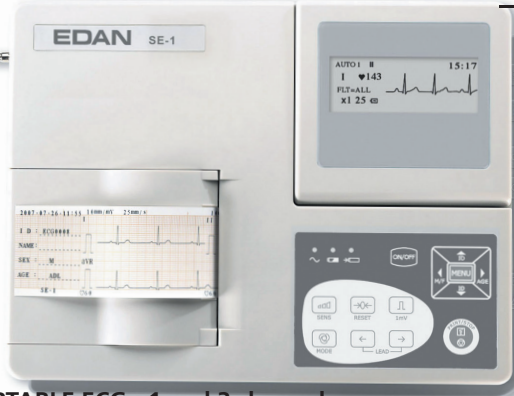


EDAN SINGLE OR THREE CHANNEL ECG

33330

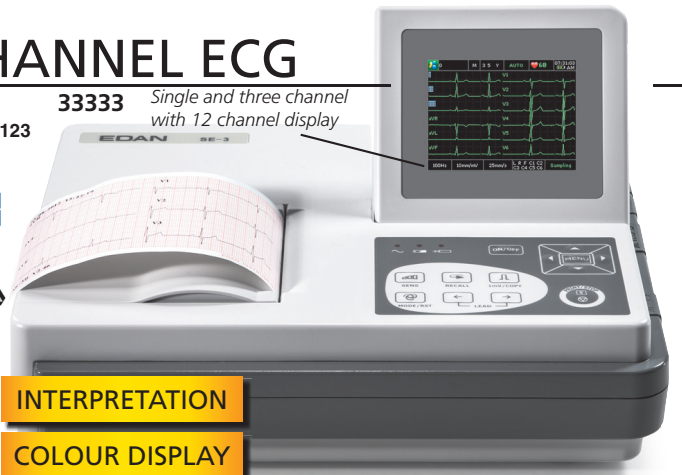


CE 0123



33333

Single and three channel with 12 channel display



INTERPRETATION

COLOUR DISPLAY

EDAN PORTABLE ECG - 1 and 3 channel

- foldable LCD screen, vivid waveform display
- built-in high resolution thermal printer
- built-in rechargeable Li-ion battery, AC/DC supply
- complete digital filter, avoid baseline drift, AC, EMG interfere
- automatic baseline adjustment
- auto/manual operation selectable
- lead-off detection and alarm

SE-3 Three channel colour ECG also features

- interpretation tested by CSE/AHA/MIT database
- 12 Lead simultaneous acquisition
- automatic ECG parameters measurement and analysis
- auto, manual, rhythm off work mode
- support barcode scanner to simplify patient information input
- LAN/RS232/USB connection to PC
- 12 leads grid printing on normal A4 paper by external printer

ECG Viewer Software: PC based ECG data management software

- compatible with Windows XP, WIN 7, Vista (32 bit, 64 bit)
- multi format reports - XML/SCP/DICOM/PDF/JPG/BMP/TIFF/PNG
- support bi-directional communication with ECG device

GIMA code	EDAN ECG AND ACCESSORIES
33330	Edan SE-1 Single Channel ECG
33333	Edan SE-3 colour Three Channel ECG - interpretative
33336	ECG-Viewer Software (GB, FR, IT, DE, PL, RU, ES, TU) for 33333
32963	Thermal paper - roll 50mm x 25m for 33330 and 33305
32964	Thermal paper - roll 80mm x 25m for 33332/3 and 33306
33328	ECG cable - spare
33318	Rechargeable Lithium battery 2500 mAh - spare
27139	Transport bag - see page 60

	33330	33333
Lead:	Standard 12 leads	Standard 12 leads
Acquisition mode:	One lead	12 leads simultaneously
Sensitivity:	2.5, 5, 10, 20 mm/mV	> 50 MΩ (10 Hz)
Input impedance:	> 50 MΩ (10 Hz)	EMG Filter 25/35/45 Hz off
Filter:	EMG Filter 35 Hz (-3 dB)	AC/DFT Filter 50 Hz/60Hz (-20 dB)
		DFT Filter 0.05/0.15/0.25/0.32/0.5/0.67 Hz
		Low pass filter 150/100/75 Hz
		AC Filter on/off
Recording mode:	Auto/Manual	Auto/Manual/Rhythm/USBPRT
Rhythm lead:		Any lead selectable
Safety standard:		IEC I/CF
Power supply:	AC: 100-115 V, 220-240 V, 50/60 Hz	Rechargeable Li-ion battery: voltage 14.8 V
		More than 6.5 hours continuous operation with battery supply
Data storage:		500 ECG's
Thermal paper:	50 mm x 30 m	rolled 80 mm x 20 m
		folded 80x70 mm x 200 pages
Paper speed:	25 mm/s, 50 mm/s (± 3%)	5mm/s, 6.25 mms 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s (± 3%)
Dimension:		300x260x75 mm
Weight:	2.3 kg (with battery)	2.5 kg (without battery)
Display:	192x64 pixel LCD	320x240 pixels LCD (colour screen)
Selectable display language:	GB, IT, FR, ES, PL, RU, TR, UA	GB, IT, FR, ES, RU, PL, CZ, RO, DE, TR, HR, UA
Interface:	RS 232	Ethernet, RS232, USB
Barcode scanner support:	-	yes
Report formats:	-	PDF, Dicom, SCP, XML
STANDARD ACCESSORIES		
Patient cable	1 roll of paper	4 limb electrodes
1 bottle of gel	Rechargeable battery	6 chest limb electrodes
Manual: GB, IT. On request: FR, ES, PT, TR (SE-1 and SE-3), DE, RU (SE-3 only)		

MINDRAY BENEHEART R3 ELECTROCARDIOGRAPH

• 33301 MINDRAY BENEHEART R3 ELECTROCARDIOGRAPH 3 channels

Lightweight portable cardiograph for resting ECG diagnosis.

Reliable analysis - Glasgow algorithm

Utilizes the University of Glasgow ECG analysis algorithm, one of the world-leading resting ECG interpretations.

Great Portability - only 1.2 kg

Weighs only 1.2 kg with battery, easy to carry.

5" clear colour display

Offers the highest resolution in industry, enabling clinicians to observe real-time waveforms accurately.

Convenient operations

ECG recording is automatically unfolded on the writing pad at the top of the unit for notes or signature.

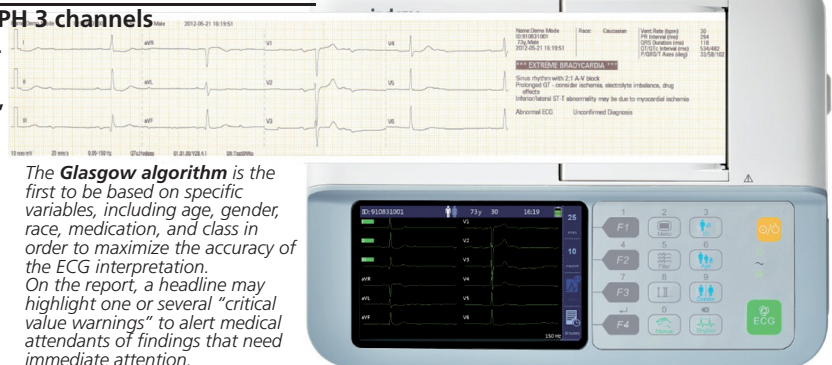
Unique recorder - Z-folded or rolling paper

Compatible with both rolling paper and Z-fold paper.

Easily switchable without dismantling the pressure lever.

• 33014 ROLL THERMAL PAPER - 80 mm x 20 m - box of 10

• 33016 Z-FOLD THERMAL PAPER - 80x70 mm x 200 sheet - box of 25



The **Glasgow algorithm** is the first to be based on specific variables, including age, gender, race, medication, and class in order to maximize the accuracy of the ECG interpretation. On the report, a headline may highlight one or several "critical value warnings" to alert medical attendants of findings that need immediate attention.

TECHNICAL SPECIFICATIONS		STANDARD ACCESSORIES	
Power	AC power: 100 to 240 VAC ± 10% 60 VA	Cable with banana plugs, IEC	1 roll paper
AC power:	rechargeable Lithium ion battery	Limb clamp set of 4	Rechargeable battery
Battery-type:	11.1 V typical, 2,500 mAh	Chest bulb set of 6	User manual in: GB, FR, DE, HU, IT, PL, ES, TR
- capacity:	6 hours of continuous operation without recording or 500 ECGs in 2.5 x 4 format at 25 mm/s and 10 mm/mV	Glasgow algorithm (available in 13 languages as internal software)	
- charge time:	3.5 hours with power off		
Processing	ECG analysis: 500 samples/second (sps)	Thermal printer:	Dot array/Width 80 mm/speed 5, 12.5, 25, 50 mm/s
ECG analysis:	Digital: 1,000 samples/second/channel	Software	
Digital:	Pacer detection: 16,000 samples/second/channel	Resting ECG mode:	Records and prints 12-lead resting ECG with 10-second duration
Pacer detection:	Acquisition mode: Pre-acquisition or post-acquisition provide 10 seconds of instantaneous ECG acquisition	Patient information:	Patient ID, secondary ID, age, date of birth, gender, race, medication class and V3 electrode placement
Acquisition mode:		Internal storage:	800 ECGs in internal memory
		ECG Storage format:	PDF and Mindray storage format
		internal software:	GB, FR, IT, ES, DE, PL, PT, TR, RU, HU, RO, CZ, CN
		Report formats	Thermal printer/PDF/A4/letter
		Size/Weight:	250x194x56 mm/1.2 kg including battery