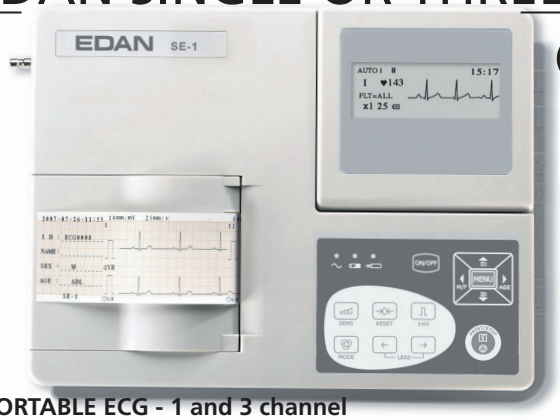
EDAN SINGLE OR THREE CHANNEL ECG

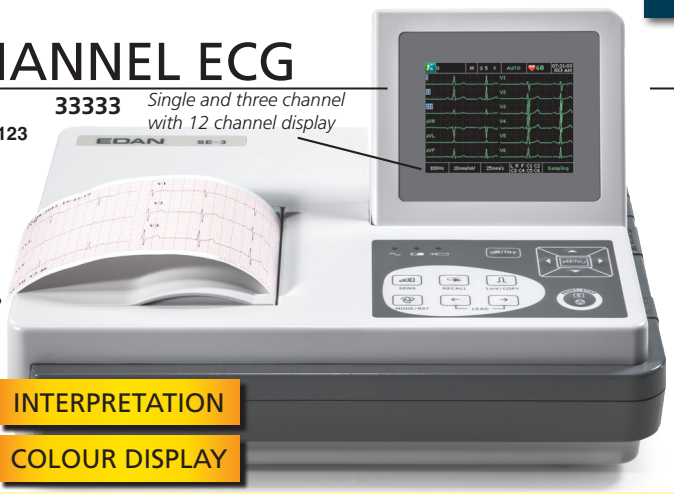
33330



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, 7, 8, 8.1, 10, 11, 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 79

TECHNICAL SPECIFICATIONS

	33330	33333
Lead:	Standard 12 leads	
Acquisition mode:	One lead	12 leads simultaneously
Sensitivity:	2.5, 5, 10, 20 mm/mV	
Input impedance:	> 50 MΩ (10 Hz)	
Filter:	EMG Filter 35 Hz (-3 dB) AC/DFT Filter 50 Hz/60Hz (-20 dB)	EMG Filter 25/35/45 Hz off 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

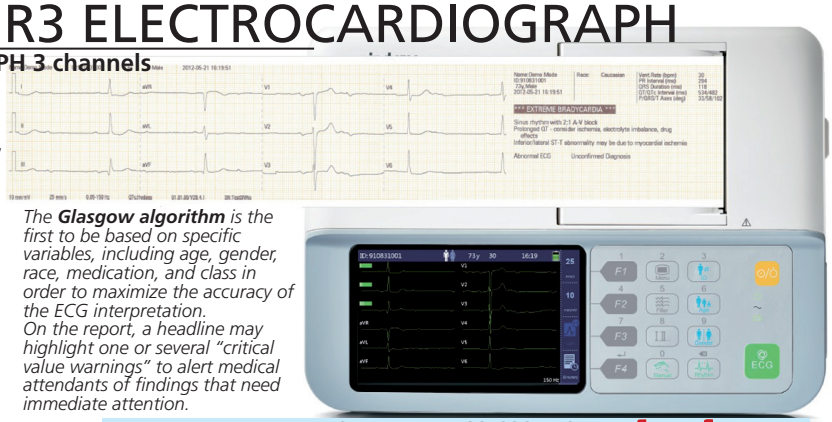
ECG recording is automatically unfolded on the writing pad at the top of the unit for notes or signature.

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.

STANDARD ACCESSORIES

Cable with banana plugs, IEC	1 roll paper
Limb clamp set of 4	Rechargeable battery
Chest bulb set of 6	User manual in: GB, FR, DE, HU, IT, PL, ES, TR
Glasgow algorithm (available in 13 languages as internal software)	

mindray

TECHNICAL SPECIFICATIONS

Power

AC power:	100 to 240 VAC ± 10% 60 VA
Battery-type:	rechargeable Lithium ion battery 11.1 V typical, 2,500 mAh
- 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
- charge time:	3.5 hours with power off

Processing

ECG analysis	500 samples/second (sps)
Digital	1,000 samples/second/channel
Pacer detection	16,000 samples/second/channel
Acquisition mode:	Pre-acquisition or post-acquisition provide 10 seconds of instantaneous ECG acquisition
ECG amplifier:	DC-coupled
Input impedance:	50 MD at 10 Hz, defib protected
Patient leakage:	< 10 µA
Heart rate meter:	30 to 300 BPM ± 10% or ± 5 BPM, whichever is greater
Sensitivity/gain:	5, 10, 20 mm/mV, Auto
Colour display	TFT LCD with LED graphics backlit
Resolution:	800x400
Display data:	Patient ID, gender, age, heart rate, clock, battery power indicator, waveforms, lead labels, speed, gain, filter settings, warning messages, information messages, network status and USB
Thermal printer:	Dot array/Width 80 mm/speed 5, 12.5, 25, 50 mm/s

Software

Resting ECG mode:	Records and prints 12-lead resting ECG with 10-second duration
Patient information:	Patient ID, secondary ID, age, date of birth, gender, race, medication class and V3 electrode placement
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:	250x194xh 56 mm/1.2 kg including battery