

MINDRAY BENEHEART R300 ELECTROCARDIOGRAPH

33302 MINDRAY BENEHEART R300 ELECTROCARDIOGRAPH 3 channels

Lightweight portable cardiograph for resting ECG diagnosis with Wi-Fi connection.

Reliable analysis - Glasgow algorithm

R300 supports both the University of Glasgow 12-lead ECG analysis program and Mindray 12-lead resting ECG analysis algorithm for adults and paediatrics, both of which provide accurate and reliable analysis references to give you more confidence in diagnosis.

Great portability and clear display

It weighs only 1.28 kg with battery, easy to carry. 5" clear colour display offers the highest resolution.

Convenient operations

ECG recording is automatically unfolded on the writing pad at the top of the unit for notes or signature. It provides report preview, re-analysis and E-report transmission. 10 hours of paperless recording.

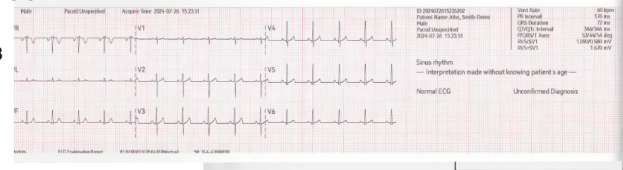
Unique recorder - Z-folded or rolling paper

Compatible with both rolling paper and Z-fold paper.

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

33302



The **Glasgow algorithm** is based on specific variables, including age, gender, race, medication, and class in order to maximize the accuracy of the ECG interpretation. The report 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 and software in: GB, FR, IT, ES, DE, PL, PT, TR, RU, HU, RO, CZ, CN

TECHNICAL SPECIFICATIONS

ECG	Operating mode: continuous	Input impedance: $\geq 100 \text{ M}\Omega$ (10 Hz)	Size - weight: 270x210x60 mm - 1.28 kg
Measurement mode:	Auto, Manual, Rhythm	Heart rate range: 30 to 300 bpm, $\pm 1\%$ or $\pm 1 \text{ bpm}$	Protection: Class I, IP20
Lead:	12 leads	Display: 5" TFT colour LCD display, 800x480 pixels resolution	Software
ECG analysis:	64000 samples/second (sps)	Display data: patient ID, name, gender, age, heart rate, pacemaker, warning messages, information messages, time, battery indicator, network, waveforms, lead labels, pace annotations, speed, gain	Resting ECG mode: Records and prints 12-lead resting ECG with 10-second duration
PACE sampling rate:	96000 samples/s (A/D)	Power supply: 500 auto reports or 2 hours of continuous paper recording	Patient information: Patient ID, secondary ID, age, date of birth, gender, race, medication class and V3 electrode placement
Frequency response:	0.01 Hz to 500 Hz	Battery autonomy: 3.5 hours with power off	Internal storage: 1200 ECGs
Filters:	EMG filter: 20 Hz, 35 Hz, Off Baseline filter: 0.01 Hz, 0.05 Hz, 0.56 Hz Lowpass filter: 150 Hz, 270 Hz, 350 Hz $\geq 123 \text{ dB}$ (notch filter off), $\geq 140 \text{ dB}$ (notch filter on)	Operating voltage: 100-240 V - 50/60Hz	Printer
CMRR:	$\pm 10 \text{ mV}$ (peak-to-peak value), at 1.25 mm/mV sensitivity		Printing method: high-resolution thermal recorder
Input signal range:	auto, 1.25 mm/mV, 2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV, 10/5 mm/mV, 20/10 mm/mV, ($\pm 5\%$)		Printing resolution: vertical resolution: 8 dots/mm horizontal resolution: at least 32 dots/mm (25 mm/s paper speed), or 16 dots/mm (50 mm/s paper speed)
Sensitivity:			Paper speed: 5 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s.

3M™ RED DOT™ ELECTRODES

33378
3M 2330 resting ECG electrode with adhesive gel

33296
3M 2238 soft cloth monitoring electrode with solid gel and lift tab. Breathable, flexible and conformable, gentle to the skin for patient comfort. Radiolucent. 3-days wearing

33299
3M 2248-50 pediatric monitoring electrode with micropore tape backing

33297
3M 2239 monitoring electrode with micropore tape backing

33290
3M 2228 adhesive foam-tape backing and proprietary sticky gel ensure excellent skin contact. Radiolucent. 3-days wearing time

33292
3M 2244 adhesive foam-tape backing and proprietary sticky gel ensure excellent skin contact. Radiolucent. 3-days wearing time

33291
3M 2228BA adhesive foam-tape backing and proprietary sticky gel ensure excellent skin contact. Thickness allows quick application build-up and padding over irregular connections

33293
3M 2570 electrode with foam tape and sticky gel - radiolucent. 5-days wearing time

GIMA code	3M code	3M™ RED DOT™ ELECTRODES	Minimum order
Gel electrodes - short term diagnostics			
33378	2330	3M™ Red Dot™ - 3.2 x 2.2 cm	bag of 100
Non woven monitoring electrodes			
33299	2248-50	3M™ Red Dot™ - Pediatric - Ø 4.5 cm	box of 50
33296	2238	3M™ Red Dot™ - Ø 6 cm - soft cloth	box of 1,000*
33297	2239	3M™ Red Dot™ - Ø 6 cm - micropore tape	box of 1,000*

*20 bags of 50 pieces

GIMA code	3M code	3M™ RED DOT™ ELECTRODES	Minimum order
Foam monitoring electrodes			
33290	2228	3M™ Red Dot™ - 3.71 x 3.25 cm	box of 1,000*
33291	2228BA	3M™ Red Dot™ - 3.71 x 3.25 cm with adaptor 4 mm	box of 800**
33292	2244	3M™ Red Dot™ - 4 x 3.25 cm	bag of 50
33293	2570	3M™ Red Dot™ - 4 x 3.5 cm	bag of 50

*20 bags of 50 pieces

**20 bags of 40 pieces

KARDIAMOBILE ECG - 1 OR 6 LEADS

54100 KARDIAMOBILE 1 LEAD ECG - KM-1L-E

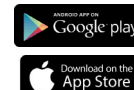
54101 KARDIAMOBILE 6 LEAD ECG - KM-6L-E

KardiaMobile are pocket-sized personal ECGs with finger electrodes that work together with smartphone or tablet through Kardia App.

The KardiaMobile System (device + Kardia App) displays ECG rhythms and output of ECG analysis including the presence of normal sinus rhythm, Atrial Fibrillation, Bradycardia, Tachycardia and other heart rhythm conditions. Kardia App also allows to collect, analyse, store and share recordings. Quick results in 30 seconds, by simply placing fingers on the two front sensors. KardiaMobile 6L has an additional electrode for left leg (knee or inside of the ankle) on the back; it delivers six times more accurate data compared to 1L.

TECHNICAL SPECIFICATIONS
ECG channel: single (54100); six (54101)
Electrode size: 3x3 cm
Memory: unlimited
Compatibility: iOS 10.3.3; Android OS 6.0
Size: 82x32x3.5 mm (54100); 89.9x29.9x7.2 mm (54101)
Weight: 18 g (54100); 24 g (54101)
Classification: type CF applied part, Class IIa

Clinically validated ECG recordings. Unlimited number of ECG tests, anywhere, anytime, without the use of wires, electrodes or gels. Medical Device, Class IIa. Both supplied with CR2016 batteries, quick start guide, Kardia App manual, phone clip (54100 only) and manual in GB, FR, IT.



Phone not included



54100 1 lead ECG



54101 6 lead ECG



CE 0123

