



biocare



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iE 6

Digital
Electrocardiograph



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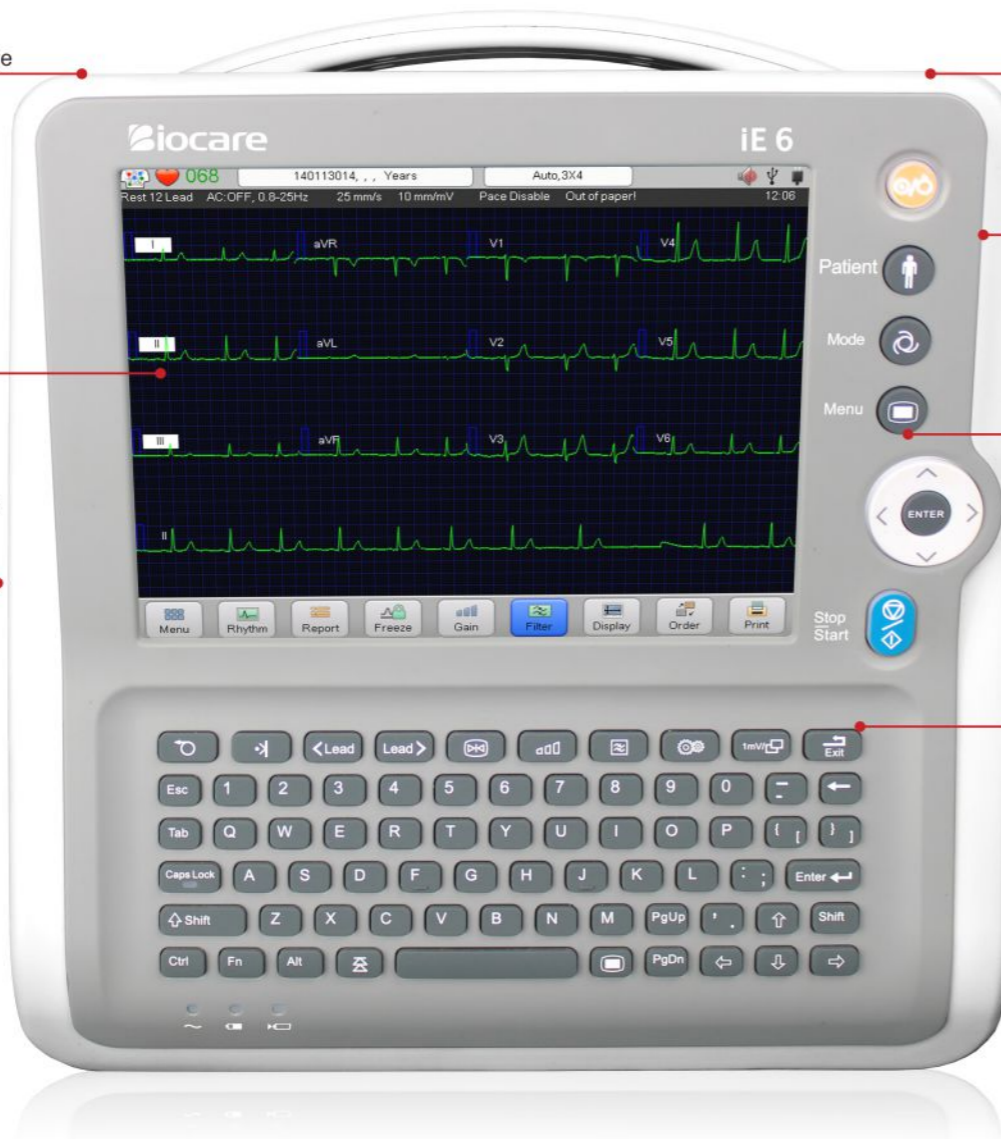
Digital Electrocardiograph

Portable and user-friendly design

Weight about 2.3kg, easy to take exam anywhere

8 inch high resolution TFT LCD with touch screen; 15-degree elevation, easy to observe

112mm z-fold thermal paper, catering for marketing trend and clinical need



Build in rechargeable battery, up to 2.5 hours of continuous work

15 degree elevation, easy to observe

Multiple shortcut keys designed for one key operation

Full alphanumeric silicon keyboard, quick in information input

This new 6-channel ECG will give you the power of easy-to-use, advanced technologies, multiple ways for data management as well as accurate measurement and interpretation, which can enhance cardiologists' diagnostic confidence.

Style and performance

Qualified in clinical demands:

- Pacemaker detection function
- Auto-trigger printing when an arrhythmia is detected during the exam
- Extended additional printout to review a significant arrhythmia event after the auto ECG operation
- Up to 300 seconds of frozen waveforms for review, especially helpful and practical in ECG exam for elder patients, fracture patients and naughty children
- Supporting single rhythm and three rhythms analysis from 30 seconds to 300 seconds



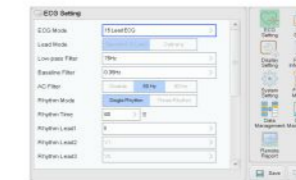
Barcode scanner speeds up the patient information input



Unique ECG data acquisition module with independent lead wires, better in signal quality, faster in acquisition and less cost in maintenance

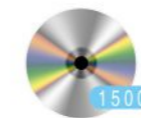


Onscreen operation guide to check the ECG procedure



New sub-menu design, fewer steps from starting to finishing, more efficient and speedy in operation

Data management solutions:



Massive local storage capacity up to 1500 files



Various data formats: JPG, XML, DICOM and so on



Peripheral ports: SD card, USB, LAN



ECG workstation software on PC can help to better manage all the ECG data

Accuracy and reliability in ECG interpretation

Biocare's CardioPro™ ECG analysis program has been proven by official CSE database evaluation with high accuracy and reliability in measurement and interpretation.

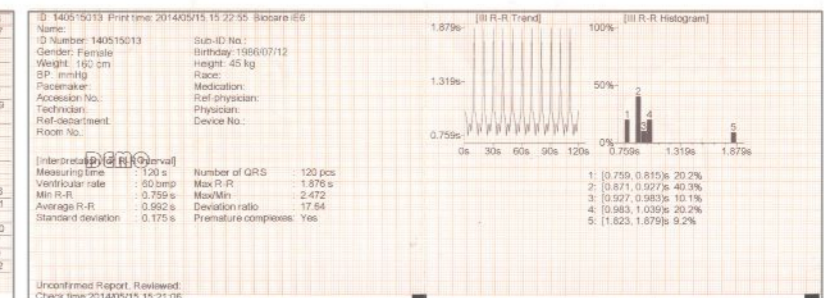
- The sensitivity and specificity of QRS detection and analysis are up to 99%.
- Complete digital filters and self-adapting filtering guarantee noise elimination without waveform distortion.
- 0.01 Hz for high-pass frequency of ECG signal contributes to undistorted ST segment measurement and analysis.
- Exclusive analysis module for children and pediatrics with 250Hz low-pass frequency, meets the newest standard of AHA/ACC/HRS 2007.
- Applied the newest Minnesota code
- Fast in defibrillation recovery less than 3 seconds

ID: 140515012	Print time: 2014/05/15 15:18:30	Biocare iE6
Name:	Sub-ID No.:	
ID Number: 140515012	Sub-ID No.:	
Gender:	Birthdate:	0000/00/00
Weight: cm	Height: kg	
BP: mmHg	Race:	
Pacemaker:	Medication:	
Accession No.:	Ref-physician:	
Technician:	Ref-department:	
Room No.:	Device No.:	
Heart rate: 68bpm	PR interval: 141 ms	
QRS interval: 88 ms	QT/QTc interval: 393/383 ms	
P/R/S/T axis: -25/58/42°	RV5+SV1 voltage: 1.17/0.93 mV	
RV5+SV1 voltage: 2.10 mV	(Minnesota code)	
	811 941	
***** Analysis Result *****		
8130 Sinus bradycardia		
8470 With occasional supraventricular premature complexes		
1014 ** Abnormal ECG **		
Unconfirmed Report, Reviewed		
Check time: 2014/05/15 15:18:28		

Measurement & Interpretation

	I	II	III	aVR	aVL	aVF	V1	V2	V3	V4	V5	V6
P amplitude	uV	55	45	38	29	27	29	29	27			
P duration	ms											
Q duration (Eq)	ms			49								
Q amplitude	uV											
R duration	ms	50	49	49	16	49	24	33	53	62	50	47
R amplitude	uV	527	558	474	50	708	80	145	853	1488	1169	839
S duration	ms			49	24		54	49	25			
S amplitude	uV											
R/S duration	ms											
R amplitude	uV											
S duration	ms											
ST-T	uV	16	30	13		22			32	55	48	36
T amplitude	uV	330	412	98		126	250	598	830	766	589	431
T amplitude(mod)	uV	278	357	80		106	218	469	688	650	505	370
T amplitude(mod)	uV	29	25	20	24	4	23	14	17	40	32	28
VAT	ms	11	22	11	-16	9	13	25	77	71	48	32
QRS area 40ms	uV											
ST Mid	uV	22	27	2								

Detail Analysis



R-R Analysis