



**BIOLIGHT**

Http: [//www.blt.com.cn](http://www.blt.com.cn)



# Digital Portable Electrocardiograph



**E65**

## Specification:

- Size: 360mm(L) X 276mm(W) X 130mm(H)
- Net Weight: 4.2Kg
- Display: 8" TFT LCD
- Resolution: 800\*600
- AC power: 100V~220V; 50Hz/60 Hz
- DC power: 11.1V, 4.4Ah rechargeable lithium battery
- Operating time: Used continuously for 5 hours (print 500 shares of cardiogram)

## Safety:

- Product safety type: Group I Class A, Type CF, (There is defibrillation and pacing protection circuit.)
- Isolation voltage: 4000V
- Enduring polarization voltage:  $\geq \pm 500\text{mV}$

## Environment Specification:

- Operation
- Environment temperature:  $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Relative humidity: 25% ~ 95% (non condensing)
- Atmospheric pressure: 700hPa ~ 1060hPa
- Store and Transportation
- Environment temperature:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Relative humidity:  $\leq 93\%$  (non condensing)
- Atmospheric pressure: 500hPa ~ 1060hPa

## Heart Rate:

- HR measurement range: 30~300bpm
- Accuracy:  $\pm 1\text{bpm}$  (average time: 10s)

## Storage:

- Internal Memory: 800 groups ECG data
- External Memory: SD card or U disk
- Data format: PDF and DAT, Dicom (optional) 、FDA-XML (optional)

## Technical:

- Lead: Standard 12 leads,
- Input way: Floating and defibrillation protection
- Patient leak current:  $< 10\mu\text{A}$
- Input impedance:  $\geq 50\text{M}\Omega$
- Frequency response:  $0.05\text{Hz} \sim 200\text{Hz}$  (-3dB)
- Time constant:  $> 3.2\text{s}$
- CMRR:  $\geq 89\text{dB}$
- System Noise:  $\leq 12.5\mu\text{Vp-p}$

## Record:

- Record:
- Recording way: Thermal printing system
- Recording paper: 210mm×140mm×20m (Z type)
- Resolution: 8dot/mm
- Paper speed: 5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s, error:  $\pm 3\%$ .
- Recording precision: 0.125mm
- Record format: Auto: 3×4, 3×4+1R, 3×4+3R, 6×2, 6×2+1R, 12×1, Manual: 3 path, 6path, 12path, Rhythm: single-lead, three-leads , R-R: R-R



\*Specifications subject to change without prior notice.

## BIOLIGHT CO.,LTD.

Add: NO.2 Innovation First Road, Technical Innovation Coast, Hi-tech Zone, Zhuhai, P.R. China Postcode: 519085  
Tel: +86-756-3399935 3399999 Fax: +86-756-3399911 E-Mail: Overseas@blt.com.cn



Http: //www.blt.com.cn

E65-Z1605-1