

# CONTEC

Stock Code:300869



## LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



## Wearable Monitor

### CMS50K

Contec Medical Systems Co.,Ltd.

ADD:No.112 Qinhuang West Street, Economic & Technical Development Zone,  
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA

Tel: +86-335-8015430

Fax: +86-335-8015588

E-mail: cms@contecmed.com.cn

Website: <http://www.contecmed.com>



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# Wearable Monitor

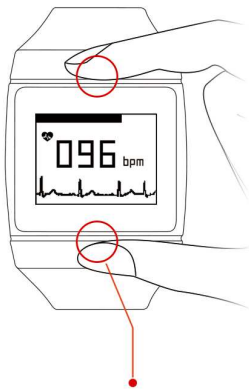
## CMS50K



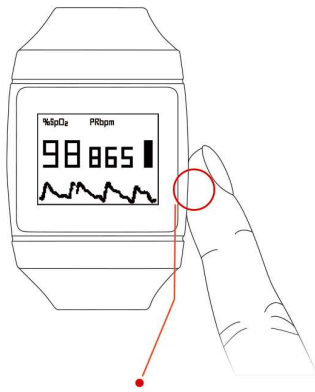
CMS50K Wearable Monitor integrated functions of SpO<sub>2</sub>, ECG and pedometer in one product.

## Features

- Display of SpO<sub>2</sub> value.
- Display of pulse rate value.
- Display of heart rate value and ECG waveform.
- Display of step number and calorie.
- Low-battery indication.
- Data storage function.
- The data stored can be wireless uploaded to mobile terminal.
- Clock function.
- Charging function.



ECG Measurement



SpO<sub>2</sub> Measurement

## Performance

- Measurement range of SpO<sub>2</sub>: 0%~100%, error: 70%~100%:  $\pm 2\%$ ; 0%~69%: unspecified;
- Measurement range of pulse rate: 30bpm~250bpm, error:  $\pm 2$ bpm or  $\pm 2\%$ (select the larger);
- Measurement range of heart rate: 30bpm~300bpm, display error is  $\pm 1$ bpm or 1%(select the larger);
- Resolution: SpO<sub>2</sub>: 1%, Pulse rate: 1bpm;
- Measurement Performance in Weak Filling Condition: SpO<sub>2</sub> and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO<sub>2</sub> error is  $\pm 4\%$ , pulse rate error is  $\pm 2$  bpm or  $\pm 2\%$  (select larger);
- Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than  $\pm 1\%$ ;
- Pedometer range: 0~65535steps (resolution: one step);
- Operating Current:  $\leq 100$ mA;
- Power supply: built-in rechargeable lithium batteries, voltage is 3.7V;
- The degree of protection against electroshock: type BF applied part;
- The grade of protection against ingress of liquid: IP54.

## Physical characteristic

- Dimension: 50.4mm(L)\*41.4mm(W)\*14.7mm(H)
- Weight: About 73g(not including accessories)

## Accessories

- SpO<sub>2</sub> sensor