



# OXYBEAT

## Wearable Digital Pulse Oximeter

OXYBEAT is designed for long-term monitoring of patients. It is robust about motion artifact. This wrist-type pulse oximeter is adequate for sleep studies and for monitoring daily activities. With KTMED OxyView Software, data can be stored quickly and transferred by USB Port to a personal computer for data analysis.

### OxyView Software

OxyView pulse oximetry software is available on a CD-ROM and has been developed by KTMED INC. to display oxygen saturation and pulse rate data in variety of helpful formats. OxyView software enables the medical staffs to present data in graphical format with relevant statistics. It allows analysis in detail and comments may be added to the saved file.



### Specifications

|                          |                                     |   |
|--------------------------|-------------------------------------|---|
| <b>SpO<sub>2</sub> %</b> | Measuring range                     | 0-100%  |
|                          | Accuracy                            | ±1% (90-100%)   |
|                          |                                     | ±2% (80-89%)<br>±3% (65-79%)<br>Unspecified (below 64%) |
| <b>Pulse(bpm)</b>        | Measuring range                     | 25-255bpm   |
|                          | Accuracy                            | ±1%   |
| <b>Indicator</b>         | 3 Digit 7 Segment                   | 2 SpO <sub>2</sub> , Pulse rate                         |
|                          | 10 Bar Graph                        | 1 Perfusion   |
|                          | Segment to indicate equipment state | 5 Heart Beat  |
|                          |                                     | Battery condition                                       |
|                          |                                     | Low Perfusion   |
|                          |                                     | Sensor Open   |
| No Finger                |                                     |   |

|                          |                        |   |
|--------------------------|------------------------|---|
| <b>General Condition</b> | Max. consumption power | 200mW   |
|                          | Weight                 | 75g(Main body + Batteries)                    |
|                          | Operating temperature  | 0 to +50°C                                    |
|                          | Storage temperature    | -20°C to +60°C                                |
|                          | Humidity               | 10% - 95% (non-condensing)                    |
|                          | Battery specification  | Cylindrical Alkaline N-cell, 1.5Volt, 1000mAh |
|                          | Battery running time   | 15hours(Continually)                          |

Memory : 35hours  
Warranty: 3years for main unit / 1years for sensor

