

Specifications : BT-710 Handheld Pulse Oximeter

| Functional Characteristics | |
|--------------------------------------|------------------------------------|
| SpO2 | |
| Display range | 0% ~ 100% |
| SpO2 display resolution | 1% |
| SpO2 accuracy | Adult/Pediatric : 70 ~ 100% ±2% |
| | Neonate : 70 ~ 100% ±3% |
| | 0 ~ 69% : unspecified |
| SpO2 alarm preset limits | Upper alarm limit : 86% ~ 100% |
| | Lower alarm limit : 85% ~ 99% |
| SpO2 alarm preset accuracy | ±1% |
| SpO2 alerting signal generates delay | No delay |
| SpO2 value refresh period | 1s/time |
| SpO2 value refresh delay | < 10s |
| Average period | Low sensitivity : 7 ~ 8s |
| | Intermediate sensitivity : 4 ~ 6s |
| | Advanced sensitivity : 2 ~ 3s |
| Alarm condition delay period | Low sensitivity : < 8s |
| | Intermediate sensitivity : < 6s |
| | Advanced sensitivity : < 3s |
| Alarm sign generates delay period | 0s |
| Pulse Rate | |
| Measuring range | 25 ~ 250bpm |
| Resolution | ±1bpm |
| Accuracy | ±2% or ±2bpm, whichever is greater |
| Display | |
| Type | Color TFT touch screen LCD |
| Size | 4.3" |
| Function | |
| Sleep mode | |
| Perfusion index | |
| Multi-language | |
| Trend | 168hours |
| Alarm | |
| SpO2 alarms | SpO2 high/low |
| | PR high/low |
| | PI high/low |
| System alarms | Spo2 sensor no/off/error |
| | SpO2 search timeout/pulse |
| | SpO2 signal unstable |
| | SpO2 board failure |
| | Low perfusion |
| | Too much light |
| | Battery low |
| | System will shutdown |
| PC Interface | |
| SD card interface | S/W upgrade |
| Others | |
| Liquid Inlet Protection Grade | IPX2 |
| Power | |
| Adaptor | Input : AC 100 ~ 240V (50/60Hz) |
| | Output : DC 5V/2A |
| Rechargeable battery | 3.7V Li-ion 3,800mA |
| | Operating time : 8hrs |
| | Charging time : 4hrs |

| Standard Configurations | |
|---------------------------------|------------------------------|
| Adult SpO2 probe | 1ea |
| Operation manual | 1ea |
| Power adaptor | 1ea |
| Physical Characteristics | |
| Dimension | |
| Main unit | 84(W) x 34.5(D) x 158.5(H)mm |
| Packing (one unit) | 201(W) x 106(D) x 69(H)mm |
| Carton box (10ea) | 355(W) x 230(D) x 220(H)mm |
| Weight | |
| Main unit | 300g |
| Packing (one unit) | 620g |
| Carton box (10ea) | 6.6Kg |
| Environmental Conditions | |
| Operating temperature | 10 ~ 40°C (50 ~ 104°F) |
| Operating humidity | 5 ~ 85% non-condensing |
| Storage temperature | -20 ~ 60°C (-4 ~ 140°F) |
| Storage humidity | 0 ~ 95% non-condensing |
| Warranty | |
| Main unit | 2 years |
| Optional sensor & accessory | 1 year |
| Certificates | |
| KFDA, CE | |