

CONTEC™



TP500 Medical infrared thermometer

PERFORMANCE PARAMETERS

- Product name: Medical infrared thermometer
- Safety type: internal power supply BF type application part
- Protection against liquid penetration: IPX0
- Safety classification : equipment that cannot be used in the presence of a mixture of flammable anesthetic gas and air or with oxygen or nitrous oxide
- Operation mode: continuous operation
- Temperature unit: Celsius (°C) / Fahrenheit (°F)
- Resolution : 0.1°C
- Temperature display range : 32°C – 42.9°C
- Maximum allowable error:
Within the range of 35.0°C – 42.0°C , the maximum allowable error is +/- 0.2°C . Within the range of less than 35.0°C and more than 42.0°C the maximum allowable error is +/- 0.3°C .
- Maximum allowable clinical repeatability : less than +/- 0.3°C .
- Measurement time: less than 1 second
- Display mode: LCD display
- Memory data: 30 groups
- Power management: intelligent shutdown , ultra-low power consumption control; power display; low power reminder
- Power supply: DC 3V (2 AAA batteries)
- Duration of use: 5 years
- Body weight: about 130g (TP500)/ about 80g(TP600)

Normal working and storage conditions:

- **Temperature range:**
Normal work : 16°C – 35°C ;
Transportation and storage : -20°C – +55°C ;
- **Humidity range:**
Normal operation: ≤ 85% (non-condensing);
Transportation and storage : ≤ 95% (non-condensing);
- **Atmospheric pressure:**
Normal operation: 700 hPa – 1060 hPa;
Transportation and storage: 500 hPa – 1060 hPa;

