

Cardiology Monitor PM-2000TEL

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Cardiology

Telemetry

Cardiology

Advanced® PM-2000 TEL is a Wi-Fi based telemetry transmitter with standard ECG monitoring functionality and optional pulse oximetry. Communicate with CMS-2000 in real time, Advanced® PM-2000 TEL enhances the overall monitoring, especially for in-hospital mobile cardiac patients and rehabilitations. It also can be applied as a backup device for emergency cases in hospital.

Features

- iSEAPTM ECG algorithm optimized for arrhythmia detection
- Pacemaker detection
- ST analysis
- HR measurement via 3/5-lead ECG
- iMATTM SpO2 algorithm with outstanding motion resistance
- Low perfusion resistance performance
- Respiration rate measurement via impedance method
- Pulse rate measurement via SpO2
- 64 units of iT20 can connect to CMS at the same time.
- With built-in Wi-Fi module, PM-2000TEL has no request for extra network setup
- Bi-directional nurse call function
- Real-time monitoring of ECG, RR, SpO2, PR
- IPX7 waterproof level
- Automatic ECG cable identification of 3/5-lead wires as well as IEC/AHA types.
- History review with 240 hours of trend and 720 alarm events for each patient on CMS-2000
- Meets ISO 13485 Quality Standard.
- Two years warranty.



2 YEARS
warranty

Technical Specifications

Physical Specifications	Dimensions Weight Enclosure Operating Support to Wear	100mm±1mm x 64mm±1mm x 26mm±1mm 140 grams Molded plastic / water resistant Leather Case
ECG	Information Display Sensitivity Sweep Bandwidth (-3 dB) CMRR (Common Mode Rejection Ratio) Input Signal Range	Automatic identification for leads 3- Lead: I, II, III 5- Lead: I, II, III, aVR, aVL, aVF, V Support Smart Lead Off Check CMS-2000 1.25 mm/mV (×0.125), 2.5 mm/mV (×0.25), 5mm/mV (×0.5), 10 mm/mV (×1), 20 mm/mV (×2), 40 mm/mV (×4), AUTO gain Telemetry Transmitter: AUTO gain CMS-2000: 6.25 mm/s, 12.5 mm/s, 25mm/s, 50 mm/s Telemetry Transmitter: 12.5 mm/s Diagnosis: 0.05 Hz to 150 Hz Monitor: 0.5 Hz to 40 Hz Surgery: 1 Hz to 20 Hz Diagnosis: >95 dB Monitor: >105 dB Surgery: >105 dB ±10 mV PP
SpO2	Information	Measurement Range: 0% to 100% Measurement Accuracy: ±2% (70% to 100% SpO2) Measurement Time: 1 s Alarm Range: 20 to 100 % Resolution: 1% Data update period: 1S
Pulse Rate	Information	Range: 25 bpm to 300 bpm Accuracy: ±2 bpm Alarm Limits: 30 bpm to 300 bpm Resolution: 1bpm Accuracy: ± 2bpm
Battery	Information	Power Type: 2 - AA Batteries Battery life: =100 hrs (3-Lead ECG) and =36 hrs (with SpO2)
Environmental	Conditions	Safe Operating Temperature: 0 C ~ +40 C (32 F ~ 104 F)

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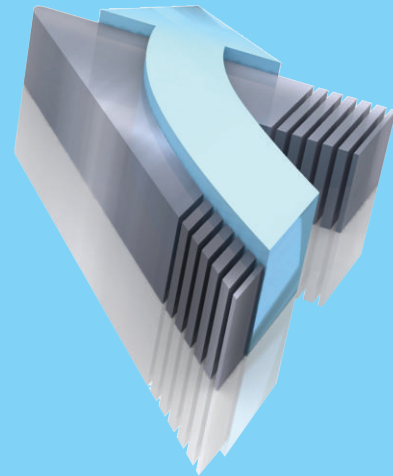
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