

Patient Monitor

KTPM-10X0



Features

- Easy to read 7" wide color TFT display
- Easy to use - Touch Screen, dedicated function keys
- Applications - Transport use in Hospital or Ambulance, Vital Sign Monitor in Emergency room and clinics
- Video interface to large Monitor in Ambulance
- Full parameter - ECG, SpO2, NIBP, RESP, TEMP, EtCO2

Models

- KTPM-1010 : NIBP+SpO2
- KTPM-1020 : ECG+NIBP+SpO2
- KTPM-1030 : ECG+SpO2+EtCO2
- KTPM-1040 : ECG+SpO2+NIBP+EtCO2
- KTPM-1050 : ECG+SpO2+NIBP+RESP+TEMP
- KTPM-1060 : ECG+SpO2+NIBP+RESP+TEMP+EtCO2



Technical Specifications

KTPM-10X0

■ ECG

CMRR	≥60dB
Electrodes	RA, LA, LL, RL, Chest (5 Leads)
	RA, LA, LL (3 Leads)
Leads	I, II, III, aVR, aVL, aVF, V1/ I, II, III
Frequency Bandwidth	0.5~40Hz (In case of filter ON)
Display	0.5, 1, 2, 4mV/cm
Input Impedance	≥10M Ω
Voltage	≥4000VAC 60Sec, 50/60Hz
Patient leakage current	≤100uA
Filter	50/60Hz
Heart Rate Range	20~255bpm
Rate Accuracy	±1bpm

■ Respiration

Current	≤500uA
Frequency	50KHz
Method	Chest impedance measurement by electrodes
Range	10~120bpm
Accuracy	±1bpm
Display	0.2~4 Ω /cm

■ SpO2

Range	0~100%
Accuracy	±1%(90~100%) ±2%(80~89%) ±3%(65~79%)
	Unspecified(Below 35~64%)
Pulse Rate Range	25~255bpm
Rate Accuracy	±1bpm

■ NIBP

Range	Adult	30~300mmHg
	Pediatric/Neonate	15~150mmHg
Accuracy		±5mmHg
Max. inflation pressure		300+30mmHg
		150+15mmHg

■ EtCO2

Range	mmHg	0~150mmHg
	kPa	0~12.6 kPa
	%	0~12.5 %
Resolution		5mmHg, 0.1 kPa, 0.1%
Probe		Option

■ Temperature

Range	Celsius	15.0~45 °C
	Fahrenheit	59.0~113.0 °F
Resolution		0.1 °C
Probe		Option

■ Display

Display Type	7" TFT Color LCD(800x480)
Display Item	ECG, Respiration, HR(PR), SpO2, NIBP, CO2, Temperature

■ Thermal Printer (Optional)

Speeds	25, 50mm/sec
Paper Width	58mm

■ Power

External DC	DC15V
Battery	Rechargeable Pack : 7.2V, 4A
Battery Operation	Approx. 5hours

■ General

Max. Power Consumption	≤14.9Watt
Dimension	210(W)×180(H)×150(D)mm
Weight	2.4Kg
Operation Conditions	-20 to 50°C
Storage Conditions	-50 to 75°C
Operation Humidity	30% to 93% (noncondensing)
Storage Humidity	20% to 95% (noncondensing)

* All specifications are subject to change without prior notice.



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