

PROFESSIONAL PATIENT MONITORING DOES NOT NEED TO BE EXPENSIVE

 KMO-121



AFFORDABLE 12,1" VITAL SIGN MONITOR

PERFORMANCE FEATURES

- ⊕ 12,1" high resolution colour TFT display
- ⊕ 5 Channel waveform display
- ⊕ ECG, Resp, SPO₂, NIBP, 2 Temp, PR
Optional IBP-EtCO₂
- ⊕ Arrhythmia & ST segment analysis
- ⊕ Up to 800 groups parameter data & 24 hr. ECG waveform storage and recall
- ⊕ 480 hrs. graphic and tabular trends for all parameter
- ⊕ Adult /paediatric /neonatal measuring mode and accessories
- ⊕ Protection against interference from defibrillator and electrosurgical knives
- ⊕ Visual and audible alarms with easy view Alarm light
- ⊕ networking capability
- ⊕ built-in rechargeable battery
- ⊕ Optional built in printer
- ⊕ 4 Configurations: Basic, including Printer, including touch screen, including touch screen and printer


SIDE VIEW – RIGHT

SIDE VIEW – LEFT

TECHNICAL SPECIFICATIONS

	Measuring method	Automatic measurement by intelligent oscillating method
	Cuff inflation time	<30 seconds (typical adult cuff)
	Initial cuff inflation Pressure	Adult and infant mode: 300 mmHg Neonate mode: 120 mmHg
	Measuring range	<i>Systolic pressure:</i> Adult and infant: 25 ~ 265 mmHg Neonate: 25 ~ 135 mmHg <i>Diastolic pressure:</i> Adult and infant: 12 ~ 220 mmHg Neonate: 12 ~ 110 mmHg <i>Mean arterial pressure:</i> Adult and infant: 18 ~ 245 mmHg Neonate: 18 ~ 120 mmHg
NIBP	Accuracy	Systolic $\pm 10\%$ Diastolic $\pm 10\%$ MAP $\pm 10\%$
	Mode	Manual, Auto, STAT
	Automatic measuring Intervals	1 ~ 240 min <10 s
TEMP	Measuring range	15,0 °C ~ 45,0 °C
	Accuracy	± 0.2 °C
	Transducer	dual-wave length LED
	SPO ₂ range	35% ~ 100%
	Capability	0,4% ~ 5%
SPO₂		90% ~ 99%, $\pm 2\%$
& Pulse Rate Monitoring	SPO ₂ Accuracy	70% ~ 99%, $\pm 2\%$ 40% ~ 99%, $\pm 2\%$
	PR range	30 ~ 250 bpm
	PR Accuracy	± 2 bpm

PERFORMANCE FEATURES

The KMO-121 patient monitor is ideal for monitoring vital signs such as ECG, SPO₂, none invasive blood pressure, respiratory rate and temperature. Optionally Invasive blood pressure and ETCO₂ (end Tidal CO₂) can be measured. Sensors for Adults, Infants and Neonates are available making the KMO-121 a flexible multiuse instrument. With 12,1" the KMO-121 has a large and crisp colour TFT LCD display allowing easy view of the data. 480 hours of trends in graphic and tabular form can be recorded and displayed.

	HR Measurement	± 0.4 mVp ~ ± 3 mVp
	HR range	20 ~ 250 bpm
	Accuracy	$\pm 1\%$ or ± 2 bmp, whichever is greater
	HR alarm delay time	≤ 12 s
	Sensitivity selection	Auto, x1/2, x1, x2, x4 tolerance: $\leq 5\%$
	Sweeping speed	12,5 mm/s, 25 mm/s, 50 mm/s, tolerance: $\leq 10\%$
ECG	ECG noise level	$\leq 30\mu$ Vp-P
	ECG input loop current	$\leq 0,1\mu$ A
	Input impedance	≥ 5 M Ω
	Common-mode rejection ratio	≥ 80 dB
	Time constant	Monitoring mode $\geq 0,3$ s Diagnostic mode $\geq 3,2$ s
	Frequency response	Monitoring mode 0,5 ~ 25Hz Diagnostic mode 0,05 ~ 75Hz
RESP	Monitoring range	0 ~ 120 rpm
	Accuracy	$\pm 10\%$
	Alarm range	0 ~ 100 bpm Alarm tolerance: $\pm 10\%$

OTHER TECHNICAL SPECIFICATIONS

	Power supply	100 ~ 250 VAC, 50/60 Hz
	Power consumption	<80 VA
	Display mode	12" Color LCD, Touchscreen (Option)
	Alarming mode	Audible-visual alarm
	Networking por	Ethernet port
Standard Configuration		ECG, RESP, SPO ₂ , NIBP, 2-TEMP, PR
Options		2xIBP, EtCO ₂ , Nellcor SPO ₂ , printer

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