

ELK-PM12B

MULTI-PARAMETER MONITOR



ELK-PM12B

Multi-parameter monitor

Features

- Touch-screen for easy operation
- 12.1 inch high resolution color TFT display
- USB interfaces support easy software upgrade and data transfer
- Compatible with Central Monitoring System (CMS)
- Three Working Modes: Monitoring, Surgery and Diagnosis
- Simple and friendly operating display interface.
- Multi-display modes suitable for different applications Standard Interface, Large font, ECG Standard Full Display, OXY, Trend Table, BP Trend.
- Built-in high capacity battery up to 3 hours of continuous work
- VGA output for external display

Technique Specification

ECG

Lead Mode	5 Leads (I, II, III, AVR, AVL, AVF, V)
Gain	2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV
Heart Rate	15-300 BPM (Adult); 15-350 BPM (Neonatal)
Resolution	1 BPM
Accuracy	11%
Sensitivity	>200 uV(Peak to peak)
ST measurement range	-2.0~+2.0 mV
Accuracy	-0.8mV-+0.8mV $\pm 0.02mV$ or $\pm 10\%$, which is greater Other Range unspecified
Other Range	unspecified
Sweep speed	12.5 mm/s, 25mm/s, 50mm/s
Bandwidth:	
Diagnostic	0.05-130 Hz
Monitor	0.5-40 Hz
Surgery	1-20 Hz

SpO₂

Measuring Range	0-100%
Resolution	1%
Accuracy	70%-100% ($\pm 2\%$)
Pulse Rate	20-250 BPM
Resolution	1 BPM
Accuracy	± 3 BPM

Optimal Parameters

Recorder (Printer)
Central monitoring system
Dual IBP
Etco ₂
12-lead ECG
Nellcor SpO ₂
Sun Tech NIBP

NIBP

Method	Oscillometry
Measure mode	Manual, Auto, STAT
Unit	mmHg, kPa
Measure and alarm range	
Adult Mode	
SYS 40-280 mmHg DIA 10-225 mmHg MEAN 20-240 mmHg	
Pediatric Mode	
SYS 40-220 mmHg DIA 10-160 mmHg MEAN 20-170 mmHg	
Neonatal Mode	
SYS 40-135 mmHg DIA 10-100 mmHg MEAN 20-110 mmHg	
Resolution	1mmHg
Accuracy	±5mmHg

Standard Configuration

No.	Item	Qty
1	Main Unit	1
2	5-lead ECG cable	1
3	Disposable ECG Electrode	5
4	Adult Spo ₂ probe	1
5	Adult NIBP cuff	1
6	NIBP extension tube	1
7	Temperature probe	1
8	Power Cable	1
9	User Manual	1
10	Fuse	3

Temp

Measure and Alarm Range	0-50° C
Resolution	0.1°C
Accuracy	±0.1°C

Standard Parameters

ECG, RESP, TEMP, NIBP, SPO₂, PR

RESP

Method	Impedance between RA-LL. or RALA
Measurement Range	
Adult	10-120 BrPM
Neonatal/Pediatric	7~ 150 BrPM
Resolution	1 BrPM
Accuracy	±2 BrPM

Packing

Single package size	37*28*36cm
Single gross weight	4.5 KG
4 unit per carton, package size	58 39 75cm, total gross weight 20 KG