

MULTI-PARAMETER
PATIENT MONITOR

LUCON
M30

Compact, Portable & Multi functional purpose



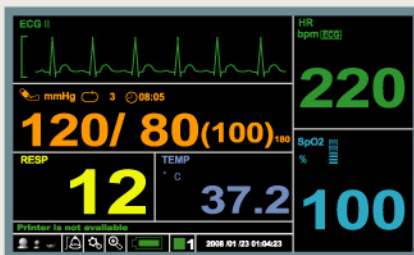


Multi-parameter
Patient Monitor

M30

Compact & +
Multi-functional

Various display modes and powerful trend function



Big number display enables you to see the vital signs clearly under any circumstances



96 hours of graphic and tabular trend enable you to review comprehensive stored data (Saved at 20 seconds intervals)



CO17 M30 MULTI-PARAMETER PATIENT MONITOR

- Compact and Major parameter monitor for portable environment with ECG/Resp, NIBP, SpO₂, Ich Temp, Main or Side stream EtCO₂ (Option)
- 8.5" TFT LCD display with 3 traces
- ECG : Arrhythmia, S-T segment detection
- 96 hours of Graphic and Tabluar trend with 20 sec' recording time interval
- Large number display available with all parameters
- Various rechargeable battery options of Li-ion Battery
- External I2V DC input available
- Ergonomic design with carry handle and bedrail
- MEDIANA or Nellcor OXIMAX SpO₂ technology
- USB port for S/W update and Trend download

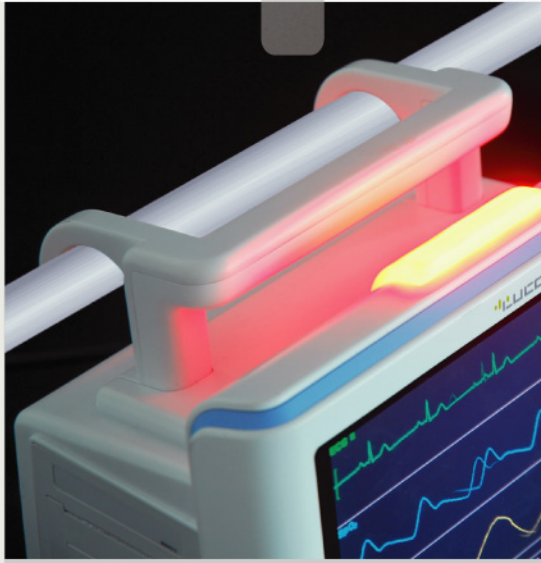
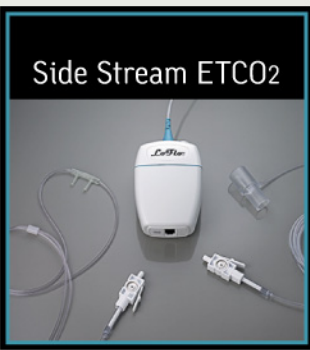


purpose

Easy-to-use hardware & design



Easily detachable battery options enable you to choose from 3 different capacities of Li- ion battery : 2, 4, 6 hours of operation



Bedrail handle is convient to use as portable grip and to install on patient beds



TECHNICAL SPECIFICATIONS

Physical Characteristics and Printer

Dimension & Weight	250 x 210 x 170mm (W x H x D), Approx. 3.2kg 3kg with standard included
Printer (Optional)	50mm thermal printer with 2channels
Paper speed	25.0 mm/s and 50.0 mm/s
Display	8.5" TFT LCD / resolution 800 X 480 pixel with 3 waveforms

Electrical

Power Requirements	AC100 ~ 240Vac, 50/60Hz, 63~110VA / DC power input 11~15V
Battery	2, 4, 6 hours selectable options of rechargeable Li-ion battery

ECG

Measurement Range	30 BPM to 300 BPM
Accuracy	±1BPM or ±1% whichever is greater
Leads	3 / 5 Lead, detected automatically Lead I, II, III, aVR, aVL, aVF, Chest (V) Lead
Display Sweep Speeds	12.5 mm/sec, 25.0 mm/sec, and 50.0 mm/sec
ST segment	Measurement range : -2.0mV~2.0mV Alarm range : -2.0mV~20.mV
Arrhythmia analysis	YES

Respiration rate

Method	RA to LA Impedance
Range	0, 3 to 120 breaths/min
Accuracy	±3 breaths/min
Display Sweep Speeds	6.25mm/s, 12.5mm/s, 25.0mm/s

NIBP

Pulse Rate Range	Adult/Pediatric 40 BPM to 200 BPM Neonatal 40 BPM to 240 BPM
Pulse Rate Accuracy	±2 BPM or ±2%, whichever is greater
Technique	Oscillometric Measurement
Operation Mode	Manual, Auto, Continuous
Pressure Display Range	Adult/pediatric : 0 - 300 mmHg, Neonatal : 0 - 150mmHg

SpO2

MEDIANA SpO2 (Standard)

Range	0 - 99%
Accuracy	Adult/Pediatric/Neonate 70 - 99 ±2 digits
Pulse Rate	30 BPM to 254 BPM with resolution 1 bpm
Display Sweep Speeds	12.5mm/s, 25.0mm/s, 50mm/s
Nellcore OXIMAX	optional

Temperature

Probe Type	Skin or Rectal probes are optional
No. of Channel	1 channel
Range	0°C to 50°C / 32°F to 122°F selectable

Trends

Types	Graphical and Tabular
Memory	up to 96 hours (Interval 20 second)
Display interval	20sec, 1min, 2min, 3min, 5min, 10min
Standard Configuration	ECG/Resp, SpO2(MEDIANA), NIBP, Temp (only parameter)
Trend store data	EtCO2, InCO2

Option

Thermal printer, LAN card, Battery (3 types), Nellcor OXIMAX SpO2, Temperature probe

EtCO2 Option (Mainstream and sidestream)

Display	EtCO2, InCO2
Range	0 - 150mmHg
Accuracy	0-40mmHg ±2mmHg of 41-70mmHg ±5% of reading 71-100mmHg ±8% reading 101-150mmHg ±10% reading
Display accuracy	±2mmHg
Response time	Mainstream : less than 60ms
Sidestream	less than 3sec
Gas Compensation	User selective at O2 > 60% and N2O > 50%
Warm Up Time	2 minutes maximum
Sound Noise Level	less than 41dB when ambient sound pressure level is 22dB
Sweep Speeds	6.25mm/sec, 12.5 mm/sec and 25.0 mm/sec

MEDIANA

M30

MULTI-PARAMETER PATIENT MONITOR



Mediana Seoul Office
Mediana Building, #793-3, Bangbae-dong,
Seocho-ku, Seoul, Korea (P.C. : 137-830)
Tel : +82-2-542-3375 Fax : +82-2-542-7447

Mediana Head office / Factory / R&D
Wonju Medical Industry park, #1650-1, Donghwa-ri,
Munmak-eup, Wonju-si, Gangwon-do, Korea
(P.C.:220-801)
Tel : +82-33-742-5400 Fax : +82-33-742-5418
Website : www.mediana.co.kr



Mediana US Company
5850 Farinon Drive, San Antonio, Texas 78249 U.S.A.
Tel : 800-829-6427(NIBP)
Tel : +1-210-690-6200 Fax : +1-210-696-8808
Website : www.mediantech.com