

LUCON

M20

MULTI-PARAMETER
PATIENT MONITOR

TECHNICAL SPECIFICATIONS

Physical Characteristics and Printer

Dimension & Weight	Dimension & Weight 250 x 210 x 170mm (W x H x D) Approx. 3kg without standard accessories. 3.2kg with standard accessories.
Printer (Optional)	50mm thermal printer with 2channels
Paper speed	25.0 mm/s and 50.0 mm/s
Display	7" LCD TFT / 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

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 - 100%
Accuracy	Adult/Pediatric/Neonate accuracy 70 - 100 ±2 digits
Pulse Rate	30 - 300 BPM with resolution 1 bpm
Display Sweep Speeds	12.5mm/s, 25.0mm/s, 50mm/s
Nellcor 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 seconds)
Display interval	20sec, 1min, 2min, 3min, 5min, 10min
Standard Configuration	ECG/Resp, Spo2(MEDIANA), NIBP, Temp (only parameter)

Option

Thermal printer, LAN card, Battery (3 types), Nellcor OXIMAX Spo2,
Temperature probe

MULTI-PARAMETER
PATIENT MONITOR

LUCON
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Compact, Portable & Multi functional purpose



MEDIANA

Donghwa Medical Instrument Complex, 1650-1,
Donghwa-ri, Munmak-eup, Wonju-si, Gangwon-do,
220-801 Korea

International
Tel : +82-33-742-5410 / Fax : +82-33-742-5418

Domestic
Tel : +82-2-542-3375 / Fax : +82-2-542-7447
e-mail : info@mediana.co.kr [Overseas]
d.sales@mediana.co.kr [Domestic]

www.mediana.co.kr

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MEDIANA

LUCON M20 MULTI-PARAMETER PATIENT MONITOR



- Compact monitor for portable environment with ECG, Resp., NIBP, SpO2, Ich Temperature
- 7" TFT LCD display with 3 traces
- 96 hours of Graphic and Tabular trend with 20 sec' recording time interval
- Large number display available with all parameters
- Various rechargeable Li-ion battery options (2hrs, 4hrs and 6 hours)
- External 12V 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



Multi-parameter Patient Monitor M20

Compact & Multi-functional purpose

Various display modes and powerful trend function



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



96hours of graphic and tabular trend enable you to review comprehensive restored data recorded every 20 sec'



Easy-to-use hardware & design



Easy detachable batteries enable you to select from 3 different Li-ion battery option with 2, 4 and 6 hours of operation. A bedrail handle is convenient to use as a grip for a portability to install at patient beds.

