

TABLE-TOP
PULSE OXIMETER

LUCON P30

Pursuing fast-reading solution of SpO₂





P30 TABLE-TOP PULSE OXIMETER

- 4.3 " LCD TFT Display [Resolution 480 x 272]
- User-friendly design with Trim Knob & Shortcut buttons
- 96hrs of Graphic and Tabular Trend with 20sec' recording time interval
- Color Plethmograph and Numer display
- Various rechargeable battery options of Li-ion Battery
- USB port for SW upgrade
- Central Monitoring System connection available
- Ergonomic design with grip

TABLE-TOP
PULSE OXIMETER
P30

Pursuing +
fast-reading s



User friendly interface design
knob & short-cut buttons



CMS option
Powerful Li-ion Battery
Option : 5hrs / 10hrs / 15hrs



olution of SpO₂

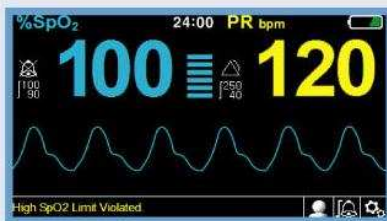


gn with



Nurse-call port option

s stand-by time



| Date / Time | %SpO ₂ | PR | Alarm |
|--------------------|-------------------|------|-------|
| 2008/02/1 10:53:30 | --- | --- | --- |
| 2008/02/1 10:53:30 | --- | --- | --- |
| 2008/02/1 10:53:30 | 96 ↑ | 82 | --- |
| 2008/02/1 10:53:30 | 90 | 82 ↓ | --- |

High SpO₂ Limit Violated



Color wave & big number display

1. Easy and fast to read the data with all color LCD display

2. Powerful Memory function of 96 hours trend memory (Maximum)

3. Easy to read graphical trend

P30

**TABLE-TOP
PULSE OXIMETER**

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

TECHNICAL SPECIFICATIONS

Model : LUCON P30

- CMS option and nurse call option
- MEDIANA's advanced SPO2 Module optimized
- From Adult to Neonate use
- Alarm setting available

Dimension & Weight

| | |
|-----------|--|
| Dimension | 240 (W) x 168 (H) x 78 (D) mm |
| Weight | Maximum weight 1.2kg (with standard battery) |

Operational Environment

| | |
|-------------|-----------------------------|
| Humidity | 15% ~ 90% (not condensed) |
| Temperature | 5°C ~ 40°C |

Storage Environment

| | |
|-------------|-----------------------------|
| Humidity | 15% ~ 95% (not condensed) |
| Temperature | -20°C ~ 50°C |

Display Information

Oxygen saturation (SpO2)
Pulse Rate
Low Battery and charging status
Vertical Bar graph
Motion Artifact Indicator
Sensor Disconnection Indicator
Connector Disconnection Indicator
Indicator Sensor Malfunction Indicator
 Pulse Search Indicator
Alarm Silence / Suspense Indicator

Trend Memory

Type : Graphical and Tabular
Memory : Up to 96hours (interval 20sec)
Display interval : 20, 1min, 3min, 5, 10, 20min
Display data : %SpO2, Pulse rate, Time, Alarm status, Error

Patient Range

Neonate, Pediatric, Adult

Electrical

| | |
|-------------------|--------------------------------|
| Li-ion Battery | Optional among 5hr, 10hr, 15hr |
| Power Requirement | AC 100 ~ 240Vac, 50/60Hz |

SpO2

| | |
|-----------------|--|
| %Saturation | |
| Range | 0% to 100% |
| Perfusion Range | 0.03% to 20% |
| Resolution | 1% |
| Alarm range | 0~100% |
| Accuracy | ±2 digit at 70 - 100% less than 70% is unspecified |
| Averaging | 8 pulse beat average |

| | |
|------------|-------------------------------------|
| Pulse Rate | |
| Range | 30 BPM to 300 BPM |
| Resolution | 1 bpm |
| Accuracy | ±2% or 2 BPM, which ever is greater |
| Averaging | 8 second average |