

Multi-View Color Handheld Pulse Oximeter **C30 (CX130)**



High performance

- In low perfusion ($0.05\sim 20\%$)
- In patient moving and Electrical interference ($\pm 3\% SpO_2$)
- With electro surgical unit noise protection
- Color Display
- * For neonates and old people

High convenience

- Adaptor or Alkaline or rechargeable Battery operated
- Pole mounting solutions (IV pole, clamp) vertical or horizontal
- PC interface
- Memory capacity : 20days trend memory / 10sec
- Two selectable working modes : Spot and Continuous
- Audible and visible alarm
- Plethymographic waveform display
- Perfusion index bar
- Nellcor compatible probe

FEATURES AND SPECIFICATIONS

PERFORMANCE

Measurement Range

SpO₂ : 0% to 100%
Pulse rate : 15 to 300 beats per minute
Perfusion index : 0.05% to 20%

Saturation Accuracy

Adult/Pediatric
70% to 100% ±2 digits
50% to 69% ±3 digits
0% to 49% unspecified
Neonate
70% to 100% ±3 digits
50% to 69% ±4 digits
0% to 49% unspecified

Pulse rate Accuracy : 15 to 300bpm ±3 digits

Average Time : 2, 4, 8, 12 secs

ELECTRICAL

Instrument

Power input : 9Vdc (external power input)
Fuse rating : 4Amperes, 250V

Battery

Type : Alkaline or 4.8V NI-MH rechargeable
internal battery
Battery capacity : Typically 10hours using new,
fully charged battery
Charge time : 6hours

Basic Accessories

Adult reusable SpO₂ Sensor 1ea
Alkaline battery 4ea
User's Manual 1ea

Optional Accessories

- SpO₂ Sensor(pediatric, neonate, Y-type), (1M, 3M)
- Adaptor
- Boot cover
- Extension cable
- Clamp
- External mobile printer
- PC software(Digi-View™)

GENERAL

Display

Display TFT LCD (3")
Resolution 240~400dots
Back light control : 1~10

Display parameter

SpO₂ percentage, pulse rate,
SpO₂ limits, Pulse rate limits,
Battery status, Pulse bar,
Perfusion index, Alarm status,
Waveform, Trend, Current time,
Short trend

Alarm

Audible and visible alarm display
Alarm : All parameters on/off selective independently
Silence : 2min
Volume : 0(off)~7, pitch tone
Alarm limit adjustable

Trends

Memory : 20days at 10seconds interval
Display : Tabular, Graph, short trend
Trend time : 1~48 hours

Weight

273g (Main Device)

Dimensions

154mm x 72mm x 26mm

Equipment Classification

- IEC60601-1
- EN475
- IPX1
- ISO9919
- EN/IEC60601-1-2

Output

RS232 digital output from serial port

Environmental

Operating Temperature : 5°C to 40°C
Transport/Storage Temperature
(in shipping carton) : -20°C to 70°C
Operating Humidity : 15% to 95%, noncondensing
Operating Altitude : -1,000ft to 12,000ft



reusable sensors



clamp



Boot cover with built in stand

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