

# Versatile Hand-held Digital Pulse Oximeter

The LUNA is highly reliable through motion artifact reduction and low perfusion conditions and designed for most applications from ambulatory(EMS) to bed side, ICU, CCU and operation room. User friendly display for vertical and horizontal positioning with numeric and plethysmographic wave form.



- Design to provide reliable measurement
- Intergrated motion artifact reduction
- Low perfusion conditions
- Large and bright LCD display with SpO2 wave form
- Auto-gain for SpO2 sensors
- Audible and visual alarms
- Design to use in spot checking to long term monitoring
- Intergrated 24 hours trend memory with recorder(option)



## Technical Specifications

### Performance

■ Measurement range	
Pulse rate	30 to 250bpm
%SpO2 range	35 to 100%

■ Saturation accuracy	
Saturation	70 to 100%
- Adult, Pediatrics	±2 digits
- Neonates	±3 digits

■ Pulse rate accuracy	
Pulse rate	30 to 250bpm
- Adult, Pediatrics, Neonates	±3 digits

■ Resolution	
Saturation(%SpO2)	1%
Pulse rate(bpm)	1bpm

### General

■ Display	
Type	Backlight LCD
Pixels	240 X 64dots
Dot Pitch	0.53mm
LCD size	132 X 39mm
Display articles	Power, Battery condition, Alarm, Pulse, Sound, SpO2 waveform

■ Power and General	
AC power	100 to 240V, 50 / 60Hz
Power consumption	24VA
Fuse rating	1amp, 250V
Battery	Li - ion
Battery recharging time	3 hours
Battery operating time	2 hours in case of fully charging
Operating temperature	5°... to 40°...
Storage temperature	-20°... to 70°...
Operating humidity	5% to 95%
Operating altitude	-300meter to 3600meter
Weight and Size	2kg, 245 X 42 X 85mm
Output Interface	RS232 serial port

