

SPECIFICATIONS OF PULSE OXYMETER, BEDSIDE, NEONATAL

- Compact portable bedside pulse oximeter with colour monitor LCD display at least 5" or more
- Continuous monitoring of SpO₂ (arterial blood oxygen saturation), pulse rate and signal strength
- Measuring range:
 - SpO₂: 30 to 100 %, minimal graduation 1%
 - Pulse rate: 20 to 250 bpm, minimal graduation 1 bpm
 - Accuracy SpO₂: 50 to 69% (± 3%), 70 to 100% (± 2%)
 - Display shows SpO₂ (%), HR(bpm) and signal strength bar
 - Large display readable from distance, display covers of durable plastic
 - User preset of high/low alarms on SpO₂ and pulse rate monitoring
 - Audio visual alarm for SpO₂ and pulse rate in case measurements are outside preset range
 - Silencing feature for audio alarm
 - Display reports system errors, probe failure and built-in battery status
 - Automatic switch from mains to batteries in case of power failure
 - Power requirements: 220 V/50 Hz and internal re-chargeable battery (autonomy approx 6 hrs, automatic recharge)
 - Power consumption: ***should be less than*** 50 W
 - Device is produced by ISO 9001 certified manufacturer
 - Device is safety certified according ***ISO & CE (93/42)/ FDA 510k***.

Supplied with:

- 2 x reusable SpO₂ sensors neonate, clip-on type (including connection cable)
- 10 x reusable SpO₂ sensors neonate, wrap around type (including connection cable)
- 1 x spare rechargeable battery
- 1 x spare set of fuses
- User manual with trouble shooting guidance, in English
- Technical manual with maintenance and first line technical intervention instructions, in English
- List of priced accessories
- List of priced spare parts
- List with name and address of technical service providers in India
- Training and installation at end-user site
- Proposal for full service, 1 year Guarantee and 3 years Comprehensive Annual Maintenance Charges (CAMC), covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel.

Executive Director (EPM)
Rajasthan Medical Services Corporation Ltd.,
Jaipur