



Republic of the Philippines
Department of Health
MARGOSATUBIG REGIONAL HOSPITAL
Margosatubig, Zamboanga del Sur



(0981) 141-4419

mrh_gov@yahoo.com.ph/mrhgov@gmail.com

<http://mrh.doh.gov.ph>

Date: _____

Validity: 60 days

Minimum Technical Requirements for
PULSE OXIMETER (Table Top)

PRODUCT SPECIFICATIONS

- SpO2
 - Range
 - 0 – 100%
 - Resolution
 - 1 %
 - Accuracy
 - Adult/Pediatric
 - 50 – 69%: ± 3
 - 70 – 100%: ± 2
 - Neonate
 - 50 – 69%: ± 4
 - 70 – 100%: ± 3
- Pulse rate
 - Range
 - 30 – 250 bpm
 - Resolution
 - 1 bpm
 - Accuracy
 - ± 3
- Perfusion index
 - 0.05 – 20 %
- Display
 - Color TFT dual LCD
 - 4.3 inches
 - 2.4 inches
 - Brightness level
 - 1-5

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PREPARED & REVIEWED BY

END USER: _____
DESIGNATION: _____

JAMES CARLTY D. LABADAN, ECE
CHAIRPERSON

KEVIN S. CATAGUE, ECE
VICE-CHAIRPERSON

JOEL L. LUNA
MEMBER

IVAN PAUL L. TANO, ECE
MEMBER

CRIS ABEL M. GUEVARRA, MPA
MEMBER

APPROVED BY:

RICHARD B. SISON, MD, MHA, FPCHA, FPSMS
Medical Center Chief II

Philhealth Accredited

FM-MCC-005

REVISION: 7

EFFECTIVITY DATE: APRIL 1, 2024



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- Alarm
 - Indicator
 - Message
 - Sound
 - Lamp
 - Volume level
 - 1 – 7
 - Duration
 - 30 seconds
 - 60 seconds
 - 90 seconds
 - 120 seconds
- Trends
 - Save continuously for at least 10 days
 - Display
 - Tabular
 - graphic
- Power supply
 - 220 – 240Vac
 - Battery
 - Charging time not more than 6 hours
 - 7.2 Li-ion battery
 - Can operate at least 6 hours on fully charge battery
- Physical characteristic
 - Weight
 - Not more than 1500 grams
 - Not larger than 100 x 100 x 250 mm HWD
- Standard compliance

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Minimum Technical Requirements for
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- IEC 61000 – 4 – 6
- IEC 61000 – 4 – 3

STANDARD ACCESSORIES:

NOTE: accessories sets is per unit

- Reusable SpO2 Probe adult/pedia
- Reusable SpO2 Probe neonate
- Automatic voltage regulator

STANDARD REQUIREMENTS UPON SUBMISSION OF BIDDING DOCUMENTS

- Soft copy of user manual

REQUIREMENT/S IF AWARDED THE CONTRACT

- Unit must be **BRAND NEW**.
- Manual in English Language
 - 2 copy of Operation manual (Hard copy)
 - Service manual with soft copy
- Training Program
 - for end-user on equipment's operation with certificate
 - Technical training with certificate (When necessary)
- Three (3) years warranty on parts and service after commissioning and acceptance
- Certification on the availability of spare parts for the next 5 years
- Down time of machine will be added as extension of the warranty.
- With calibration certificate (When necessary)
- Supplier must respond to a service call before 72 hours and should be onsite not more than 7 days.

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➤ **Section V. Special Conditions of the Contract**

- Delivery Place: Margosatubig Regional Hospital, Zamboanga del Sur

➤ **Section VI Schedule of Requirements**

- Completion/Delivery Period: ____ calendar days upon receipt of the Notice to Proceed including the delivery, installation, testing and commissioning, Partial delivery allowed within the completion/delivery period.

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