OTS-34 - Pulse Oximeter and Saturometer

**Description**

*Tabletop pulse oximeter and saturometer for continuous monitoring, displaying, and storing oxygen saturation and pulse rate of patients in hospital environments.*

**Reference Picture:**

*Note: The images below are intended solely as a guiding support and should be considered as purely indicative and not restrictive of the expected item characteristics*



| Brand / Marque | |  | |
| --- | --- | --- | --- |
| Model / Modèle | |  | |
| Model code as per manufacturer classification / Numéro de référence du produit fournisseur | |  | |
| Manufacturer name / Nom du Fabricant | |  | |
| Manufacturing site / Site du Fabricant | |  | |
| Country of manufacturing / Pays de fabrication | |  | |
| Country of origin / Pays d'origine | |  | |

|  | **UNOPS Minimum technical requirements // Exigences techniques minimales de l'UNOPS** | **Complies (Yes/No) // Conforme (Oui/Non)** | **Comments/ Technical data //**  **Commentaires/Données techniques** |
| --- | --- | --- | --- |
| **A** | **Functionality and Performance / Fonctionnalité et performances** |  |  |
|  | **Electrical requirements:** |  |  |
| 1 | Power source 220V+/- 10%, 50/60 Hz, single phase, connection type F plug |  |  |
| 2 | Protections against over-voltage and over-current line conditions |  |  |
| 3 | Integrated or external power supply unit and battery charger. |  |  |
| 4 | Equipped with rechargeable batteries:   * 1. autonomy ≥ 4h;   2. automatic switch between line and battery powered modes. |  |  |
|  | **Operational characteristics** |  |  |
| 1 | Tabletop pulse oximeter (SpO2 and pulse-rate monitor) for adults, children and neonates. |  |  |
| 2 | Designed for use in demanding environments and for resistance to disinfection with hospital-grade products. |  |  |
| 3 | Oxygen Saturation Range (SpO2): 1-100%. |  |  |
| 4 | SpO2 Accuracy ± 3% or better. |  |  |
| 5 | Pulse rate measurement range not smaller than 30 to 240 bpm with an accuracy at least of +/- 4% or +/-3 bpm whichever is greater. |  |  |
| 6 | Plethysmographic waveform visualization. |  |  |
| 7 | Integrated LED or LCD display for data visualization, size not less than 4 inches. |  |  |
| 8 | Video display of at least the following parameters:   * 1. SpO2 sensor connected;   2. Alarms;   3. Low battery;   4. Battery in charge. |  |  |
| 9 | At least the following audio alarms:   * 1. High frequency;   2. Low frequency;   3. Low saturation. |  |  |
| 10 | Trend data storage and visualization not less than 12 hours. |  |  |
| 11 | Full line of adult, pediatric and neonatal reusable and disposable sensors. |  |  |
| 12 | Any accessory and part needed to the proper equipment operation shall be included. |  |  |
|  | **Accessories included in the offered price:** |  |  |
| 1 | Reusable SpO2 transducers complete with connection cables, at least: n. 1 adult, n. 1 pediatric and n. 6 neonatal (silicon stripes for hand or foot) |  |  |
| **B** | **Certifications and post sales included in the offered price** |  |  |
| 1 | The Supplier, included in the offered price, will provide the post sales services described in the document “*OT-PS Type II post sales requirements for Medical Devices*”. |  |  |
| **C** | **ANY DEVIATIONS OR SUPERIOR CHARACTERISTICS MUST BE INDICATED BELOW // TOUTE DÉVIATION OU CARACTÉRISTIQUE SUPÉRIEURE DOIT ÊTRE INDIQUÉE CI-DESSOUS\* :** | | |
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