OTS-30 - Defibrillator

**Description**

*Mobile unit, used to restore normal rhythm and contractile function of the heart in patients experiencing ventricular fibrillation or ventricular tachycardia.*

**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** |  |  |
| 1 | Electrical requirements: power source 220V+/- 10%, 50/60 Hz, single phase, connection type F plug. |  |  |
| 2 | Protections against over-voltage and over-current line conditions. |  |  |
| 3 | Rechargeable batteries with at least the following characteristics:   * Automatic switch from electric-line mode to battery operating mode * Number of discharges with maximal energy in battery operating mode not less than 15. * Continuous monitoring working time in battery operating mode not less than 2 hours. * Integrated batteries charger. * Low battery visual alarm. * 100% high capacity batteries with re-charging time not greater than 10 hours. |  |  |
| 4 | Manual and semi-automated operating modes. |  |  |
| 5 | ECG monitoring function mode, with standard alarms |  |  |
| 6 | Display for visualization of ECG curve and data. |  |  |
| 7 | Charging time for defibrillation at maximum energy not greater than 10 sec. |  |  |
| 8 | Bi-phase and possibly mono-phase defibrillation waves. |  |  |
| 9 | Discharge energy adjustable settings with mono-phase and bi-phase waves. |  |  |
| 10 | Maximum discharge energy setting with mono-phase wave not less than 360 Joules. |  |  |
| 11 | Maximum discharge energy setting with bi-phase wave not less than 220 Joules. |  |  |
| 12 | Discharge energy adjustable settings with multi step selector, from defibrillator body and paddle Settable ECG synchronized discharges for cardioversion |  |  |
| 13 | Automatic impedance compensation. |  |  |
| 14 | Built in print recorder, manual activation and with automatic start for defibrillation, including time and clinical data annotations |  |  |
| 15 | External defibrillation discharging start control just only by pressing both buttons on the external paddles. |  |  |
| 16 | Equipment weight not greater than 10kg. |  |  |
|  | **Accessories** |  |  |
| 1 | Crash resistant and washable carry-case. |  |  |
| 2 | Set of 100 disposable ECG adhesive electrodes |  |  |
| 3 | 5 complete set of disposable electrodes patches for semiautomatic mode |  |  |
| 4 | 5 Tube of conductive gel (500ml each) |  |  |
| 5 | Set of 20 rolls of thermal paper |  |  |
| 6 | One set of reusable adult external paddles (apex-sternum) and related pediatric adaptors compatible with the equipment |  |  |
| **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 | **Supplied with** |  |  |
| 1 | Detailed step-by-step instructions for assembly, use and cleaning in pictograms, user and technical manuals. |  |  |
| 2 | Tools required for assembly. |  |  |
| **D** | **ANY DEVIATIONS OR SUPERIOR CHARACTERISTICS MUST BE INDICATED BELOW // TOUTE DÉVIATION OU CARACTÉRISTIQUE SUPÉRIEURE DOIT ÊTRE INDIQUÉE CI-DESSOUS\* :** | | |
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