OT-10 - Benchtop Autoclave

**Description**

*Bench-top autoclave for the sterilization of instruments in healthcare settings*

**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 | Bench-top and front-loading device |  |  |
| 2 | Electrical requirements: power source 220V+/- 10%, 50/60 Hz, single phase, connection type F plug. |  |  |
| 3 | Maximum power required not greater than 7,5KW. |  |  |
| 4 | Protections against overvoltage and overcurrent line conditions |  |  |
| 5 | Suitable for sterilization of porous solids and wrapped loads. |  |  |
| 6 | Sterilization door and chamber of 304 stainless steel, preferably AISI 316 or better steel |  |  |
| 7 | Built-in electrical generation of steam. |  |  |
| 8 | Built-in vacuum pump |  |  |
| 9 | Sterilization chamber capacity no less than: 60 L |  |  |
| 10 | Built-in pressure gauge to show internal chamber pressure. |  |  |
| 11 | Loading capacity of at least, separately: one (1) sterilization container DIN 3/4, one (1) sterilization container DIN 1/2 and one (1) sterilization container DIN 1/1. |  |  |
| 12 | Temperature working range: not smaller than from 121° up to 134°C. |  |  |
| 13 | Sterilization max pressure of at least 2 bar. |  |  |
| 14 | Filters for air intake system |  |  |
| 15 | Built-in stainless steel water tank with automatic water fill. |  |  |
| 16 | Fully automatic microprocessor control, including drying |  |  |
| 17 | Adjustable and programmable parameters by the users: temperature, vacuum time, sterilization time and drying time. |  |  |
| 18 | Display at least the following parameters:   * 1. Temperature.   2. Pressure.   3. Working Time.   4. Equipment status and alarms. |  |  |
| 19 | Safety systems, at least: thermostat, pressure switch, and valves. |  |  |
| 20 | Safety door lock during sterilization. |  |  |
| 21 | Alarms for at least: low water, door not closed, pressure and/or temperature out-limits, sterilization cycle failure and end of sterilization cycle. |  |  |
|  | **Accessories** |  |  |
| 1 | Compatible stainless steel wire baskets and tray holder |  |  |
| 2 | Al least two (2) door seals. |  |  |
| 3 | At least two (2) air intake spare filters. |  |  |
| 4 | At least two (2) complete Bowie-Dick test kits. |  |  |
| 5 | Chemical indicator tape for sterilization. |  |  |
| 6 | In case of printer: at least ten (10) rolls of compatible printing paper |  |  |
| 7 | One (1) stainless steel or equivalent material stand to support the equipment. The stand shall bear the autoclave weight, its height should be between 90mm and 1000mm and it shall be of the same manufacturer of the autoclave or recommended by the autoclave’s manufacturer. |  |  |
| 8 | Water treatment equipment or other water purifier that can produce the water quality and quantity to opportunely feed the autoclave. |  |  |
| **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 III post sales requirements for Medical Devices*”. |  |  |
| C | **Supplied with** |  |  |
| 1 | Product brochure or technical data sheet(s) in English. |  |  |
| 2 | Complete user and maintenance manuals in English and open format. |  |  |
| 3 | Pre-installation requirements (space, electrical, water, temperature, humidity, etc.). |  |  |
| 4 | List and price of main spare parts and consumables. |  |  |
| **D** | **ANY DEVIATIONS OR SUPERIOR CHARACTERISTICS MUST BE INDICATED BELOW // TOUTE DÉVIATION OU CARACTÉRISTIQUE SUPÉRIEURE DOIT ÊTRE INDIQUÉE CI-DESSOUS\* :** | | |
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