

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

التجهيزات الطبية

مراكز الرعاية الصحية

| | | | |
|------------------|--------------------------------------|-----------|---------------------------------|
| Item Code | 4455260090062 | GROUP # | PHC282 |
| ITEM DESCRIPTION | STEAM STERILIZER 2 STU - SINGLE DOOR | اسم البند | جهاز تعقيم بالبخار - 2 إس تي يو |

| MODEL OFFERED | | MANUFACTURER | COUNTRY OF ORIGIN |
|---------------|--|--|-------------------|
| | | | |
| | | | |
| # | TECHNICAL PARAMETERS | SPECIFIED | RESULT |
| 1 | TYPE | Table top Or Floor standing | |
| 2 | CONTROLS | Microprocessor, fully automatic | |
| 3 | DISPLAY | LCD | |
| 4 | AIR REMOVAL METHOD | Vacuum | |
| 5 | CAPACITY | 2 STU or 110 -160 Liters specify | |
| 6 | CHAMBER MATERIAL | High quality stainless steel (AISI 316 Ti/AISI 316 L) | |
| 7 | Components & Fix turess of the pressure Vessel | High quality stainless steel (AISI 316 Ti/AISI 316 L) | |
| 8 | THERMOCOUPLE ENTRY PORT | Yes | |
| 9 | LOADING | Front | |
| 10 | DOORS | Single Door | |
| 11 | OPERATION | specify | |
| 12 | CYCLES | 121,134, disinfection and programmable | |
| 13 | TESTS | Bowie Dick & leak test | |
| 14 | FAULT INDICATION | Yes | |
| 15 | PRINTER | Yes | |
| 16 | STEAM GENERATOR | Built- in . | |
| 17 | PRESSURE SAFETY VALVE | Yes | |
| 18 | Vacuum pump built-in | Yes | |
| 19 | Chilled / cooling water system | Plate heat exchanger or specfiy (minimize the waste temperature 70c) | |
| 20 | Cycle print out | Time,Date,Cycle parameters, Temperater(C,F) & pressure | |
| 21 | Safety Standard | UL,IEC or other international safety standard (Specify) | |
| 22 | Piping to pressure Vessel | corrosion resistant material | |
| 23 | Modes of conditioning | Pre-Vacuum, | |
| 24 | Vessels and Jackets | Designed with a fatigue life, at least 35000 cycles | |
| 25 | The door gasket | Good quality for longevity | |
| 26 | The outer surface of the pressure vessel | Thermal insulation | |
| 27 | The thermal insulation of sterilizer door | prevent surface temperatures above 55c | |
| 28 | Water & Steam pipes handling media | have to be properly insulated to prevent heat loss and condensation | |
| 29 | Steam lines | stainless steel or copper | |

THE BIDDER MUST COMPLY WITH ALL ABOVE SPECS. AND MUST FILL HIS OFFER IN THE "OFFERED "COLUMN THEN STAMP AND SIGN THE SHEET.



يلتزم مقدم العطاء بكافة المواصفات الفنية الموضحة أعلاه كما يلتزم بتعبئة عرضه المقدم على أوراق المواصفة بالخانة الموضحة مع ختمها وتوقيعها

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|----|--|--|--------|
| 30 | Cold & Chilled waterlines | stainless steel or copper | |
| 31 | Valves | corrosion resistant material & should be detachable for the replacement of parts such as diaphragms, springs ets. | |
| 32 | Strainers & (steam traps) | yes | |
| 33 | Encasement | For all areas visible after installation. It shall be made of corrosion resistant (stainless steel) | |
| 34 | The supporting frame | corrosion resistant material | |
| 35 | Pressure indicators | Range from -1 to 0 to 5 bar | |
| 36 | POWER SUPPLY | 380 V 3 phase, 60 Hz. | |
| 37 | Temperature meters and recording devices | Range from 0 to 150c | |
| 38 | REGULATORY COMPLIANCE | 1) CE by approved organization for all of the following directives:- Medical Device Directive.- Electromagnetic Compatibility.- European Pressure Equipment Directive-including identification of certifying companies with their EC-registration number 2) FD | |
| 39 | OTHER SPECIFICATION | 1) Baskets and internal rack . 2) Vendor is responsible for complete installation and demonstration at site | |

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