

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

التجهيزات الطبية

مراكز الرعاية الصحية

Item Code	4455260090067	GROUP #	PHC299
ITEM DESCRIPTION	STEAM STERILIZER 1 STU - SINGLE DOOR	اسم البند	جهاز تعقيم بالبخار - 1 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	Yes, specify	
19	Chilled / cooling water system	Plate heat exchanger or specfiy (minimize the waste temperature 50c)	
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 and also Air compressor should be supplied with the unit if required. 2) Vendor is responsible for complete installation and demonstration at site	

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