

Specification of Washer Disinfector

S.N	Parameters	Technical Specifications	Remarks
1	Usage	Washer Disinfector for Dental Instruments	
2	Features	Chamber: stainless steel, all other components: heat resistant and non-corrosive material	
		Chamber volume: More than 80 Litres	
		System should be high temperature disinfection type	
		Spray system should be from all directions (360-degree)	
		Should have at least 5 cleaning options	
		Power supply: single phase, 220 – 240 V	
3	Accessories, Spare and Consumables	All standard accessories shall be supplied with the machine for smooth functioning	
		5 L low foam multi enzyme cleaning agent	
4	Standards	ISO and CE certified product certificate should be submitted at the time of bidding	
5	Terms and Condition	Should provide user training on how to use the system	
		Should provide basic preventive maintenance training to biomedical technician	
		Should provide user manual in English	
		Should provide maintenance manual in English	
		Warranty Minimum 2 Years or as provided by OEM whichever is greater from the date of installation	
		Brand New	
		Date of manufacture should not be more than 2 years at the time of delivery	
Installation and demonstration must be done by suppliers			

Specification of Class B Autoclave

S.N	Parameters	Technical Specifications	Remarks
1	Usage	Class "B" table top autoclave	
2	Features	Should have Triple pre-vacuum and post vacuum for efficient drying	
		Should have optional thermal mini printer for recording data of cycle	
		Wireless Control application for tablet or smartphones that facilitates the monitoring of the sterilization process.	
		Should have preheating system that operates by pulse modulation with electronic precision	
		Steam production system should avoid the condensation of the distillate and penetrate the less accessible points of the loads	
		Pre-vacuum and vacuum should have negative pressure of up to 0.7 bar	
		Should have programmable drying vacuum between 20 and 60 minutes	
		Should have a robust water pump for vacuum generation, conjugated to the cooling system.	
		Should have high density air filter	
		304 AISI 304-18 / 8 steel door, equipped with electric opening, closing and locking system.	
		Stainless steel wire trays to facilitate the packaging of material and the circulation of pre-vacuum, vacuum, heat and pressure inside the chamber.	
		Microprocessor controlled	
		Digital display	
Chamber volume: minimum 45 litres			
Power Supply: AC 220 VAC, 50 Hz			

3	Accessories , Spare and Consumables	All standard accessories shall be supplied with the machine for smooth functioning	
		Must be supplied with Water distillation machine of 1 L/hr capacity.	
		Must be supplied with Pouch sealing machine and 1 roll of pouch	
		Must be supplied with the spare door gasket - Two, Tray Removing Tong - Two, Tray Frame - Two, trays 3 sets	
		Must be supplied with drainage tube and Power supply cable	
4	Standards	ISO and CE certified product certificate should be submitted at the time of bidding	
5	Terms and Condition	Should provide user training on how to use the system	
		Should provide basic preventive maintenance training to biomedical technician	
		Should provide user manual in English	
		Should provide maintenance manual in English	
		Warranty Minimum 2 Years or as provided by OEM whichever is greater from the date of installation	
		Brand New	
		Date of manufacture should not be more than 2 years at the time of delivery	
		Installation and demonstration must be done by suppliers	

Specification of Central Air Compressor

S.N	Parameters	Technical Specifications	Remarks
1	Usage	For Dental Use	
2	Features	Max Air flow of 2400 L/Min	
		Should have pressure adjust range of 0.5 - 0.8 MPa	
		Power: 13 KW or above	
		Max Pressure of 1.0 MPa	
		Tank Capacity : At least 400 L, coated internally and externally, Thickness of tank: more than 4 mm	
		Should have auto cut-off facility	
		Should be oil free air compressor with air dryer	
		Should have copper wire motor	
		Power supply: 3 Phase, 380 VAC, 50 Hz	
3	Accessories, Spare and Consumables	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer.	
4	Standards	ISO and CE certified product certificate should be submitted at the time of bidding	
5	Terms and Condition	Should provide user training on how to use the system	
		Should provide basic preventive maintenance training to biomedical technician	
		Should provide user manual in English	
		Should provide maintenance manual in English	
		Warranty Minimum 2 Years or as provided by OEM whichever is greater from the date of installation	
		Should be Brand New	
		Date of manufacture should not be more than 2 years at the time of delivery	
		Installation and demonstration must be done by suppliers	

Specification of Alcohol Breath Analyzer

S.N	Parameters	Technical Specification	Remarks
1	Usage	To test alcohol consumption of an individual	
2	Features	Should be portable, handheld type	
		Should use replaceable mouthpiece	
		Should be easy to use	
		Should have LCD digital display, easily readable	
		Should give alarm/vibration (preferable)	
		Sensor technology: electro-chemical fuel cell type or better	
		Detection range: 0.00 to 0.40% BAC	
		Warm up time: Should be less than 30 sec	
3	Accessories	Disposable mouthpiece: 30 pieces	
		Rechargeable battery: 2 Pairs	
		Battery charger: 1 set	
4	Standard	ISO or equivalent	
5	Terms and conditions	Warranty: One year	
		Brand new	
		Date of manufacture should not be more than two years at the time of delivery	

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