

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

التجهيزات الطبية

مراكز الرعاية الصحية

Item Code	4455260040006	GROUP #	PHC077
ITEM DESCRIPTION	DENTAL UNIT COMPLETE	اسم البند	كرسي أسنان وملحقاته

MODEL OFFERED		MANUFACTURER	COUNTRY OF ORIGIN
#	TECHNICAL PARAMETERS	SPECIFIED	RESULT
1	CONFIGURATION		
1	Microprocessor Controlled.	Yes	
1	All dental unit connections must be covered by aseptic and disinfect able smooth surface material	Yes	
1	Dental unit and cuspidor and light are all chair mounted.	Yes	
1	DENTAL CHAIR		
1	Electrically operated	Yes	
1	Multi-function foot control.	Yes	
1	At least three easy adjustable pre-positioning programs + zero position.	Yes	
1	Emergency stop and instant override on automatic function. + Solid bodies protection.	Yes	
1	ADJUSTABLE ARTICULATING HEAD- REST, Suitable For Adults And Children.	Yes	
1	HEIGHT ADJUSTMENT	40-90cm	
1	ARM REST	Swivel	
1	MOVEMENT	Synchronized	
1	UPHOLSTERY		
1	Heavy-duty vinyl contoured cushion covered by heavy-duty upholstery, engraved, easily clean and disinfected.	Yes	
1	Heavy vinyl scuffs guard for toe- board.	Yes	
1	Control for three hand pieces, 4 holes Midwest type (outlet).	Yes	
1	6 WAY SYRINGE, Outlet fitted with water heating system to a temperature nearly equal to or slightly above body temperature.	Yes	
1	3-Way Towards The Dentist	Yes	
1	3-Way Towards The Assistant	Yes	
1	BRACKET TABLE, with a swivel arm with vertical adjustability, Size 25cm x 35 cm or more	Yes stainless steel tray	
1	X-RAY VIEWER EXTENSION for Intra-oral films with illuminated surface, size 5 x 7 cm or more.	Yes	
1	CONTROLS for Cup filler, bowl flush system and tumbler for Dentist & assistant side.	Yes	
1	JUNCTION BOX without external connection	Yes	
1	BUILT- IN DISINFECTION UNIT	Yes	
1	HAND PIECES		
1	All Fiber optic	Yes	
1	All hand pieces supplied with dental unit should be fully autoclavable up to 135C	Yes	
1	HIGH SPEED AIR TURBINE		
1	Standard head air turbine high- speed contra angle	Yes, Qty 02	
1	Hand piece with quick bur change and quick connection system with water flow control. Fiber optic	Yes, Qty. 01	
1	Miniature head air turbine high-speed contra angle hand piece with quick bur change and quick connection system with water flow control. Fiber optic	Yes, Qty 01	
1	E-Type, LOW SPEED MICROMOTOR fiber optic (electric) with internal cooling & water control	Yes, Qty 01	

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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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1	LOW SPEED E - Type, CONTRA-ANGLE HAND PIECE, fiber optic 1: 1 with head for RA burs quick changing and internal cooling system.	Yes, Qty. 01	
1	LOW SPEED E - Type, STRAIGHT HAND PIECE 1: 1 with internal cooling system	Yes, Qty. 01	
1	AIR/WATER SYRINGE	Yes with 2 sleeves and 6 autoclavable extra nozzles	
1	DENTAL LIGHT INTENSITY, with Luminous intensity range 10000- 22000 Lux, must be fitted with heat filtering reflector for cooling	Yes	
1	DIMMER DEVICE, OR WITH AN INTENSITY-CHANGING SWITCH.	Yes	
1	CUSPIDOR/SPITTOON ASSEMBLY		
1	Saliva ejector with regulating valve.	Yes	
1	High volume aspirator with regulating valve.	Yes	
1	AIR WATER SYRING (Assistant Side) 3 Way syringe (air, water, air and water).	Yes with 2 sleeves and 6 autoclavable extra nozzles	
1	All assistant instrument tubing is aseptic, durable type	Yes	
1	Arm for the unit must be swivel with or without telescopic movement with holder for the saliva ejector and 3-way syringe. with cup filler	Yes	
1	Porcelain or similar hardness material spittoon.	Yes	
1	Timed bowl flush system	Yes	
1	Solids collector	Yes	
1	All aspiration by electrical motor Heated Tumbler Assembly	Yes	
1	POWER SUPPLY		
1	Voltage	220Volts, max. 15A, 1 Phase	
1	Frequency	60Hz	
1	Power Cord	3Pin BT, 1-2 Meter Length	
1	DENTIST CHAIR	Gas piston / spring	
1	Castors	5 swivel	
1	Height	Adjustable	
1	Back Supp.	Must have adequate back support	
1	Seat Surface	Soft	
1	ASSISTANT CHAIR	Gas piston / spring	
1	Castors	5 swivel	
1	Height	Adjustable	
1	Back Supp.	Must have adequate back support	
1	Seat Surface	Soft	
1	ACCESSORIES	All standard Accessories, [Provide list in offer]	
1	INSTALLATION REQUIREMENTS		
1	Heavy duty water filter must be installed on the main source of the water to the R O unit and all pipes after the filter changed (renewed) to a PVC type or brass,. Output of water from RO unit should be connected to Dental unit.	Yes	
1	Circuit Breaker must be fitted w/ the clinic for all components (compressor, suction, chair, electric outlets).	Yes	
1	Clinic floor must be covered by hygienic tiles disinfected (vinyl - ceramic - marble.)	Yes	
1	Supplier of dental unit should provide all necessary plumbing connection for electric, water, suction & Air to be connected to dental unit	Yes	

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