

Specification and Approximate Prices for Instruments of Prosthodontics Dept.

Item No	Name of Item	Description ofn Items
1	Semi adjustable articulator With face bow	Along with Incisal Plate 0°, Incisal Indicator, Base Blocks retentive, plaster protection plate UTS 3D universal Transfer bow systems.
2	Extra oral/intra oral tracer	Gnathometer M type 2 Inter oral Tracer
3	Dewaxing unit	Outside & Inside body made of Stainless steel 304 grade body.inner size 300x250x350mm with digital display and controller cum digital timer.
4	Curing unit	Out side & Inside body made of Stainless grade body. inner size 300x250x350mm with digital display and controller cum digital timer.
5	Dental casting machine	Lever Type (Senior) for Gold and cobalt work. Equipped with two with 4 rings. 4 rubber crucible former.
6	Wax burnout furnace	Maximum temp 1200C working temp 1150C with Digital Display cum controller with safety alarm size : 175x175x225mm 4.0k.w
7	Pre heating furnace	Maximum temp 950C working temp 900C with ER & Digital Display only size : 175x175x225mm 3.0k.w
8	Surveying unit	With Heavy Base with BB indispensable for the faultless designing & tracing of clasp const, for the working of slides.
9	Heavy duty hand piece Lab micro motors	Heavy Duty Micro Motor Must be DC supply with control Unit .
10	Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	Front Loading micro Bacteria control with 3 loading tray, dry cycle, in built water chamber , digital display, capacity 22 liters
11	Needle burner with syringe cutter	Automatic Needle Burner , and manual syringe cutter , 220AC power
12	Plaster Dispenser One each for plaster and stone plaster	Out Side and in side body made of Stainless 304grade dull finish fitted with digital electronic timer, capacity 10kg
13	Model Trimmer with Carborandum Disc	M-701 with 10" carborundum coarse cutting wheel imported with suction.
14	Model Trimmer with Diamond Disc	601 HP -1RPM 2800 heavy duty, Equipped with two ball bearing single speed, rating continuous with buffer and 10" Diamond disc rough or Fine heavy base, inlet out flow water system.
15	Acrylizer	Double walled outside & inside body made of stainless steel 304 grade. The gap between the walls is filled with glass wool to minimize loss of temperature. Temp is controller with display and controller cum digital timer when the time will complete alam will be operational with ss drain plug to work on 220/230V AC
16	Lathe	Ac HP ½ universal RPM 2800, Equiped with Double BB, Single speed rating continuous with 3 chuks, 3 (preferably Imported) BB Fixable metal .
17	Flask press	Mechanical Press Heavy duty
18	Deflasking unit	
19	Dewaxing unit	Double walled outside & inside body made of stainless steel 304 grade. The gap between the walls should be filled with glass wool to minimize loss of temperature. Temp controller with display and controller cum digital timer when the time will complete. Alarm should be operational with ss drain plug to work on 220/230V AC size 300x250x350mm
20	Hydraulic Press	Heavy Duty Hydraulic Press with Pressure Gauge and In Built Oil tank
21	Mechanical Press	Mechanical bench Heavy Duty Based MS
22	Vacuum mixing machine Ceri Italy	

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23	Lab Micro motor With heavy duty handpiece	Heavy Duty Micro Motor Must be DC supply with control Unit .
24	Curing pressure pot Imported	Imported Fully Alum, Body with Heavy Vacuum and vacuum guage.
25	Programmable Porcelain Furnace with set up Vivadent Mattel and Mattel FREE Passable Full Ceramic	Power connection 110-120 V50-60Hz 200-240 V 50-60Hz Acceptable voltage fluctuations $\pm 10\%$ Max. power consumption 12 A at 110-120 V 8.5 Aat 200-240V Data for the vacuum pump Max. power consumption: 2.1 A Final vacuum: < 50 mbar Use only tested pumps Display Graphic LCD Display with background lighting Dimensions of electrical fuses 110-120 V: diameter 6.3 x 32 mm 200-240 V: diameter 5 x 20 mm Dimensions of the closed furnace Depth: 430 mm Width: 305 mm/410 mm (with cooling tray) Height: 565 mm Usable size of the firing chamber Diameter: 80 mm Height: 48 mm Max. firing temperature 1200 °C/2192 °F Weight Furnace base: 12.0 kg Furnace head: 7.0 kg Safety notes The furnace was built in accordance with the following standards: IEC 1010-1/EN 61010 UL and cUL standards Radio protection/electromagnetic compatibility EMV tested.
26	Vibrator	Capacity 3-4 Casting Cylinders, speed controler
27	Sand blasting unit Bego type	Double Jar with Nozzle Micro sand Blaster , Pressure Gauge 2 type sand Used systems . 225Micron and 110micron sand.
28	Ultrasonic cleane 2.5 Lit 12.5 Lit	2.5 Liter with Hot water systems digital display
29	Model Trimmer	with 10" carborundum coarse cutting wheel imported with suction.
30	Hot water sterilizer	Made Fully Stainless steel Heavy Duty 20x10x8with Hot water Tap , 220v AC
31	Geyser H.P. grinder with suction Pre-clinical working tables SS top	
32	Heavy duty lathe	Ac HP ½ universal RPM 2800, Equipped with Double BB, Single speed rating continuous with 3 chuks, 3 (preferably Imported) BB Fixable metal .
33	Phantom heads For two student capacity	2 side working Posation , 2 no Flaxible Halozen Light , 3 Point Control Box with Multi Foot control , 2 no Phanto Head with Jaw set , 2 No Doctors stool, table Top Stainless steel.
34	Duplicator	
35	Pindex System	
36	Circular saw	
37	Burn out furnace	Maximum temp 950C working temp 900C with ER & Digital Display only size : 175x175x225mm 3.0k.w
38	Sandblasting machine	Double Jar with Bego Nozzle Micro sand Blaster , Pressure Gauge 2 type sand Used systems . 225Micron and 110micron sand.
39	Electro-polisher	
40	Model Trimmer with Diamond disc	601 HP -1RPM 2800 heavy duty, Equipped with two ball bearing single speed, rating continuous with buffer and 10" Diamond disc rough or Fine heavy base, inlet

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		out flow water system.
41	Induction casting machine	Induction Casting machin
42	Spot welder with soldering, attachment of cable	
43	Vacuum mixing machine	
44	Steam Cleaner	
45	Spindle Grinder 24,000 RPM with vacuum suction	
46	Wax heater	Talon coated wax pot with 3 chamber MS Body 220V AC
47	Wax carver	
48	Curing pressure pot	Imported Fully Alum, Body with Heavy Vacuum and vacuum guage.
49	Milling machine Germany Manual Germany auto	
50	Heavy duty lathe with suction	501 Ac HP ½ universal RPM 2800, Equiped with Double BB, Single speed rating continuous with 3 chuks, 3 Imported BB Fixable metal .
51	Preheating furnace	Maximum temp 950C working temp 900C with ER & Digital Display only size : 175x175x225mm 3.0k.w
52	Palatal trimmer	RPM 2800 high Torque 304 grade SS Dull finish work surface Dust Collection part in black with adapter hose . 1 fast curing trimmer Imported
53	Ultrasonic cleaner 2.5 Lit 12.5 Lit	2.5 Liter with Hot water systems digital display
54	Composite curing unit Including Materials Kit	A component of the SR Adoro System and is Used to cure and temper the light-curing SR Adoro Veneering composite with programs P1 and P3220-230V /50-60Hz Power Cord, Extra lamp, Extra Fuse, Screwdriver, Standard Accessories set, Testset L100 The unit has been especially developed for the SR Adoro material and various other light-curing resins from Ivoclar Vivadent, However, it is also suitable for other light-curing materials curing in the wavelength range of 400-500nm. The Quick is equipped with a sensor that enables non-contact operation of the lamp, which makes working with the unit very easy. 230V/50-60 Hz Quick 1x1 Anti-Glare Shield 1x1 Power cord 1x1
55	Micro surveyor	


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