












L-Università ta' Malta
Faculty of Dental Surgery




Faculty of Dental Surgery
University of Malta
Instrument List for
Dental Technology Students





****IMPORTANT****





All pictures/photos featured in this document are intended to aid students and suppliers understand the specifications listed for each item. Pictures and photos have been obtained from catalogues and brochures of various different manufacturers, or reflect what is currently being used at the Faculty of Dental Surgery Teaching Clinics and Laboratories, but in no way imply that any one brand is preferred over another, as long as the listed specifications are met. Students are free to approach different suppliers and obtain quotes for the listed instruments/equipment. It is advisable that the students' preferred quotation is reviewed by the Heads of Department prior to the actual purchase, to ensure conformity with the listed specifications.




Name of item.	Specifications	Quantity	Picture
Alginate mixing bowls	Silicone. 120mm diameter.	2	
Spatulas	Alginate mixing spatula. Rigid. Stainless steel, blunt, curved blade. Wooden or resin handle. Flexible, approx. 19.5cm	1	
Gauges	Iwanson callipers. 100mm measurement scale. Model I (for rigid materials). Stainless steel.	1	
	Iwanson callipers. 100mm measurement scale. Model 2 (for soft materials). Stainless steel.	1	
Plaster knives	Gritman plaster knife. Approx 17cm.	2	
Wax knives	Lessman. Large, approximately 17.5cm.	2	




Wax knives	Fahnenstock. Small, approximately 12.5cm	2	
Carvers	Le Cron carver.	2	
Carvers	Wax carver no. 5	2	


Carvers	Modelling Instrument, Le Cron	2	
Artery forceps	Spencer wells. Straight.	1	
Flame torch	Portable butane gas flame torch. Handheld.	1	





Butane for Flame torch.	Refill Super 100 Lighter Gas or equivalent (from ironmonger)	1	
Occlusal spray	Occlusion Spray, Green or equivalent.	1	
Shimstock foil	Foil paper to check occlusion.	1	
Pliers	Wire cutting pliers. Side cutters (from ironmongery).	1	


Scraper	Paint scraper (from ironmongery).	1	
Burs for the conventional 1:1 slow speed straight handpiece	Set of long shank, carbide, acrylic cutting/trimming burs: ISO 500 104 199 190 023 ISO 500 104 194 190 040 ISO 500 104 194 190 045 ISO 500 104 274 190 060 ISO 500 104 201 190 060 ISO 500 104 274 140 060	1 set	
Burs for the conventional 1:1 slow speed straight handpiece	Emery paper bur/mandrel.	1	
Burs for the conventional 1:1 slow speed straight handpiece	Long shank, carbide steel, taper shape, plaster and stone trimming bur: ISO 500 104 274 224 060	1	

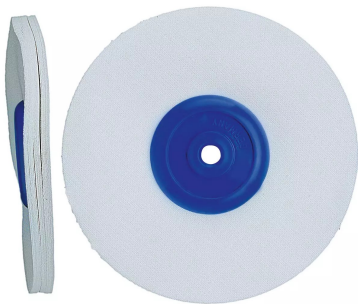
Burs for the conventional 1:1 slow speed straight handpiece	Sintered Diamond Disc, ISO ø 220 or equivalent.	1	
Burs for the conventional 1:1 slow speed straight handpiece	Stone bur for polishing acrylic. ISO ø 035	10	
Burs for the conventional 1:1 slow speed straight handpiece	Stone bur for polishing acrylic. Light Brown or equivalent	1	


Burs for the conventional 1:1 slow speed straight handpiece	Mandrels, head ø 8.0 mm, slot length 1.0 mm, or equivalent.	3	
Burs for the conventional 1:1 slow speed straight handpiece	Mandrels, head ø 2.0 mm, thread length 8.8 mm, or equivalent.	3	
Burs for the conventional 1:1 slow speed straight handpiece	Mini Brushes, Wheels, Chungking, White, ø 17 mm	1	




Silicon polishers.	Universal Polishers, Coarse, Wheel, \varnothing 22.0 x 3.0 mm or equivalent for polishing metal prosthesis.	1	
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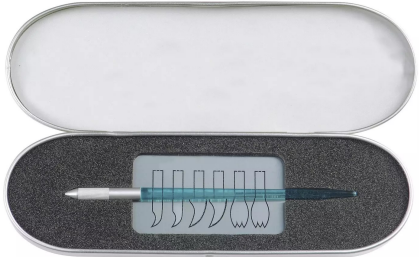

Bur boxes with crown preparation burs	1 x ISO 806 314 001 524 027 (Picture a) 1 x ISO 806 314 150 524 014 (Picture b) 1 x ISO 806 314 171 524 018 (Picture c) 1 x ISO 806 314 142 524 012 (Picture d)	1	
Pliers	Adam's pliers (squared beaks).	1	
Pliers	Spring forming pliers.	1	
Ruler	150mm length. Stainless steel.	1	


Average movement articulator	Articulator, average movement	1	
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Finishing Buffs	Finishing Buffs, Muslin, ø 100 mm or equivalent	2	
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Felt Polishers	Felt Polishers, ø 15 x 25 mm	1	
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Hand Saw for Die preparation.	Hand Saw, 200 mm or equivalent	1	
	Saw Blades, 3.00 x 0.18 x 120 mm	12	
Die preparation set	Die Spacer Set, Gold/Silver	1	

Brushes for ceramic Prosthesis.	Ceramics Porcelain Brushes	1	
Porcelain instruments	Set of Porcelain Instruments	1	
Porcelain mixing slab	Porcelain Mixing Slab	1	

Orthodontic wire.	Chromium Round Wire, Coil, \varnothing 0.7 mm SpringHard - 30 m	1	
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