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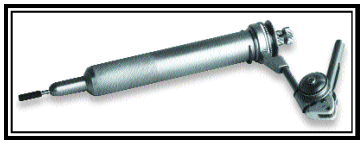

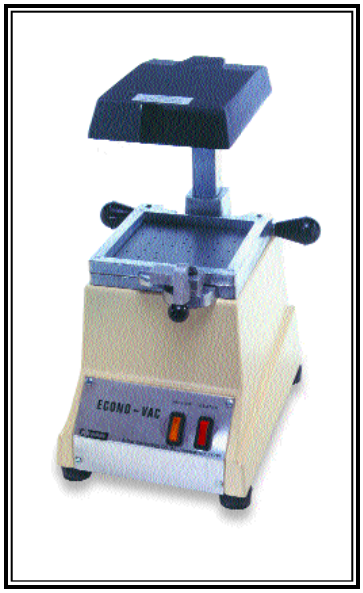

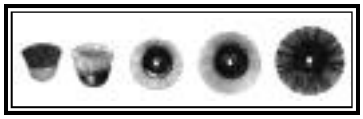

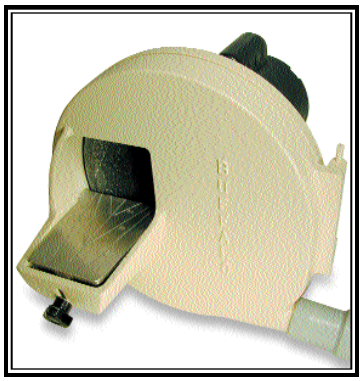

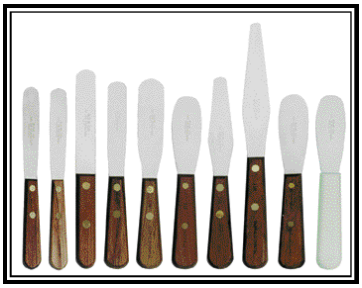

Buffalo

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Note – Complete Product Index on Inside Back Cover

Welcome to the new Buffalo Dental Catalog No. 116. Hopefully you will notice continued refinements and updates from our previous catalogs that should make this information easier to use than before. We also hope you see our latest equipment and supply items that promote faster, better, and less costly procedures in dental offices and laboratories. Please don't hesitate to call us if we can answer any questions you may have with this information. We trust this catalog continues to be the ideal reference guide for those occasions where you are looking for items for the laboratory, but have no idea what they are called... nor where to find them. We believe you'll find them here!

Thank you for supporting and purchasing Buffalo Dental products! **Buffalo Dental- A World Leader In Dental Products And Technology For Over 125 Years.**

Alan R. Lipp
Marketing and Sales Manager

Some helpful hints concerning the purchase of Buffalo Dental products:

* **Ordering-** Buffalo Dental products are available for sale from most full service dental and laboratory products Dealers. Many of our products are in stock on the Dealer's shelves, and all of our products not stocked by Dealers are available to you on a special order basis. Please contact your favorite Dealer directly to determine current pricing and availability for Buffalo Dental products, or call us at your convenience for more information and support.

* **Warranty-** All Buffalo Dental products are warranted to be free from defects in materials and workmanship in original condition, with certain qualifications and time periods as listed on the Warranty Card available from Buffalo Dental (and included with most equipment items). Please refer to the warranty card for specific details and exclusions, or go to www.buffalodental.com for more information. Warranty periods for certain items are summarized as follows:

  * **Handpieces-** Air Drive, Cord Drive, Cable Drive, Prophy Angles, Contra Angles, and Amalgam Packer Instruments are under warranty for six months from date of original installation by consumer/purchaser. This warranty excludes chucks and brushes that must be replaced as wear indicates.

  * **Electrical and Mechanical Equipment-** These products are under warranty for a period of one year from the date of original installation by consumer/purchaser.

  * **Amalgam Carriers-** Are under warranty for one year from the date of purchase. The instruments must have original parts and construction. Barrels or tips that are completely or partially clogged with amalgam, causing the plunger to be inoperative, or to bind or stick, are not considered defects. Carriers must be maintained immediately after use for proper operation and warranty fulfillment.

  * **Expiration Dated Products-** Are warranted for their individual indicated times.

  * **Factory Repaired Items-** Repairs made to a product while it is under warranty will be honored until the completion of the original product warranty period. Out-of-warranty items will be repaired with factory replacement parts and covered by warranty for a period of 90 days.

* **Repairs-** Should a product require factory service attention, please contact Buffalo Dental for specific details on returning the item and on the procedure for evaluating, repairing and shipping the item back to you. Refer to the warranty card for details.

• Buffalo Dental cannot be liable for pictorial, descriptive, or typographical inaccuracies. We will always attempt to communicate corrections and updates as soon as possible.

1) Abrasives: Burs, Brushes, Finishing & Polishing Products

Abrasives, Blue Mounted Points

Blue mounted points ideal for trimming and finishing dentures, temporaries and restorative materials.

- *Leave smooth, easy-to-polish surfaces on acrylics and composites*
- *Abrasive points on HP mandrels will not clog or damage acrylic surfaces*

Item #	Description
00200	No. 52 Point
00210	No. 53 Point
00220	No. 112 Point
00240	No. 1 Trimmer
00250	No. 2 Trimmer
00260	No. 3 Trimmer
00270	No. 4 Trimmer

52 53 112 1 2 3 4

Abrasives, Lathe Wheels

High quality wheels with 1/4" leaded center holes designed to fit tapered lathe chucks for heavy grinding and trimming applications on dental lathes.

- *Green Line wheels are ideal for grinding denture teeth, gold castings, tools, and instruments*
- *Blue abrasive wheels excellent for gross trimming of denture bases and for cutting down stone models*

Item #	Description
00310	Green No. 21 (3" x 3/8")
00320	Blue No. 461 (3" x 3/8")
00300	Green No. 16 (2 1/2" x 1/4")

Lathe Wheels

Acrilustre- *See "Polishing Compounds" Later in this Section*

Arbor Bands

Silicone carbide abrasive bands designed for aggressive trimming and finishing of acrylics, silicone relines, and other dental materials.

- *Available in coarse (60 grit), medium (80 grit), and fine (120 grit) versions for wide-ranging use*
- *No-lap seams for smooth operation and trouble-free service*
- *Economical bulk packaging promotes convenient, disposable use*

Item #	Description
02721	3/4", Fine, Pkg. of 100
02711	3/4", Medium, Pkg. of 100
02701	3/4", Coarse, Pkg. of 100
02751	1/2", Fine, Pkg. of 100
02741	1/2", Medium, Pkg. of 100
02731	1/2", Coarse, Pkg. of 100
02781	3/8", Fine, Pkg. of 100
02771	3/8", Medium, Pkg. of 100
02761	3/8", Coarse, Pkg. of 100
02811	1/4", Fine, Pkg. of 100
02801	1/4", Medium, Pkg. of 100
02791	1/4", Coarse, Pkg. of 100

Item #	Description
02722	3/4", Fine, Pkg. of 500
02712	3/4", Medium, Pkg. of 500
02702	3/4", Coarse, Pkg. of 500
02752	1/2", Fine, Pkg. of 500
02742	1/2", Medium, Pkg. of 500
02732	1/2", Coarse, Pkg. of 500
02782	3/8", Fine, Pkg. of 500
02772	3/8", Medium, Pkg. of 500
02762	3/8", Coarse, Pkg. of 500
02812	1/4", Fine, Pkg. of 500
02802	1/4", Medium, Pkg. of 500
02792	1/4", Coarse, Pkg. of 500

Item #	Description
02723	3/4", Fine, Pkg. of 1000
02713	3/4", Medium, Pkg. of 1000
02703	3/4", Coarse, Pkg. of 1000
02753	1/2", Fine, Pkg. of 1000
02743	1/2", Medium, Pkg. of 1000
02733	1/2", Coarse, Pkg. of 1000
02783	3/8", Fine, Pkg. of 1000
02773	3/8", Medium, Pkg. of 1000
02763	3/8", Coarse, Pkg. of 1000
02813	1/4". Fine, Pkg. of 1000
02803	1/4", Medium, Pkg. of 1000
02793	1/4", Coarse, Pkg. of 1000

Arbor Band Mandrels

High quality HP (3/32" diameter) mandrels with adjustable -diameter rubber heads are designed to firmly hold arbor bands in place during use.

- *Replacement rubber heads available for renewing older mandrels*

Item #	Description
02910	1/2" Complete Mandrel, HP Sized Shank
02920	3/8" Complete Mandrel, HP Sized Shank
02930	1/4" Complete Mandrel, HP Sized Shank
02670	3/4" Rubber Replacement Head
03010	1/2" Rubber Replacement Head
03020	3/8" Rubber Replacement Head
03030	1/4" Rubber Replacement B734Head

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

Arbor Sets

Popular starter kits of arbor band mandrels and arbor bands for use with laboratory handpieces and lathes.

Item #	Description
03080	Handpiece Set (1/4" and 3/8" Arbor Mandrels, 4 Rubber Heads, and 8 Arbor Bands)
03090	Handpiece and Lathe Set (1/4", 3/8", and 1/2" Arbor Mandrels, 6 Rubber Heads, and 12 Arbor Bands)
03100	Lathe Set (1/2" Arbor Mandrel, 2 Rubber Heads, and 6 Arbor Bands)

Buff-Brite Polishing Wheels - *See "Polishing Wheels" Later in this Section*

Brushes, Abbott-Robinson®

Straight HP Mounted Bristle Brushes

Classic, high quality natural bristle brushes ideal for cleaning and polishing of denture acrylic, cleaning interproximal spaces after denture deflasking, and for general laboratory polishing applications. These well-known, industry-standa brushes also excel at applyi polishing materials and at polishing of lab-processed composites, metal and ceramic crowns.

- *Durable design features permanently attached bristles for improved performance and extended life without flairing*
- *Available in Soft, Standard Stiff, and Extra Stiff bristles for use in all polishing, finishing and cleaning tasks*
- *Solid Carbon-Steel plated HP mandrels for excellent fit and durability*
- *Several popular sizes available for versatile use and improved access*

Size	Diameter
Small Cup	*7/16"*
Large Cup	*9/16"*
No. 9	*9/16"*
No.11	*11/16"*
No. 12	*3/4"*

Brush Style	Bristle Color
Soft	*Brown*
Standard Stiff	*Silver-Grey*
Extra-Stiff	*Black*

Sm. Cup *Lg. Cup* *#9* *#11* *#12*

Gross- (Bulk)

Item #	Description
06044	#9 X-Stiff (Bulk Pkg. of 144)
06014	#9 Std-Stiff (Bulk Pkg. of 144)
05994	#9 Soft (Bulk Pkg. of 144)
06104	#11 X-Stiff (Bulk Pkg. of 144)
06084	#11 Std-Stiff (Bulk Pkg. of 144)
06064	#11 Soft (Bulk Pkg. of 144)
06194	#12 X-Stiff (Bulk Pkg. of 144)
06164	#12 Std-Stiff (Bulk Pkg. of 144)
06144	#12 Soft (Bulk Pkg. of 144)
06294	Large Cup X-Stiff (Bulk Pkg. of 144)
06254	Large Cup Std-Stiff (Bulk Pkg. of 144)
06334	Small Cup Soft (Bulk Pkg. of 144)

Gross- 12 "Dozens"

Item #.	Description
06042	#9 X-Stiff (12 Pkgs. of 12)
06012	#9 Std-Stiff (12 Pkgs. of 12)
05992	#9 Soft (12 Pkgs. of 12)
06102	#11 X-Stiff (12 Pkgs. of 12)
06082	#11 Std-Stiff (12 Pkgs. of 12)
06062	#11 Soft (12 Pkgs. of 12)
06192	#12 X-Stiff (12 Pkgs. of 12)
06162	#12 Std-Stiff (12 Pkgs. of 12)
06142	#12 Soft (12 Pkgs. of 12)
06292	Large Cup X-Stiff (12 Pkgs. of 12)
06252	Large Cup Std-Stiff (12 Pkgs. of 12)
06332	Small Cup Soft (12 Pkgs. of 12)

Single Packages of 1 Dozen

Item #	Description
06041	#9 X-Stiff, Pkg. of 12
06011	#9 Std-Stiff, Pkg. of 12
05991	#9 Soft, Pkg. of 12
06101	#11 X-Stiff, Pkg. of 12
06081	#11 Std-Stiff, Pkg. of 12
06061	#11 Soft, Pkg. of 12
06191	#12 X-Stiff, Pkg. of 12
06161	#12 Std-Stiff, Pkg. of 12
06141	#12 Soft, Pkg. of 12
06291	Large Cup X-Stiff, Pkg. of 12
06251	Large Cup Std-Stiff, Pkg. of 12
06331	Small Cup Soft, Pkg. of 12

Brushes, Abbott-Robinson®

RA (Latch) Mounted Bristle Brushes

Identical quality and performance to the HP version but instead mounted on RA (latch) mandrels.

Item #	Description
06390	Small Cup Std-Stiff, Pkg. of 12
06350	Small Cup Soft, Pkg. of 12
06030	# 9 Std-Stiff, Pkg. of 12
06392	Small Cup Std-Stiff, Pkg. of 144 (12 Pkgs. of 12)
06352	Small Cup Soft, Pkg. of 144 (12 Pkgs. of 12)
06032	# 9 Std-Stiff, Pkg. of 144 (12 Pkgs. of 12)

Unmounted Abbott-Robinson bristle brushes are available by special order. *Contact Buffalo Dental for complete details.*

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

Brushes, Abbott-Robinson®

Porte Polishers

Abbott-Robinson bristle quality in a porte head design for use in HP, RA, and screw-type handpieces.

Item #	Description
05860	Handpiece, Pkg. of 12
05862	Handpiece, Pkg. of 144 (12 Pkgs. of 12)
05870	Screw Type, Pkg. of 12
05872	Screw Type, Pkg. of 144 (12 Pkgs. of 12)
05850	Right Angle, Pkg. of 12
05852	Right Angle, Pkg. of 144 (12 Pkgs. of 12)

Brushes, Wire

Wire Bur Cleaning & Scratch Brushes

Stiff steel wire brushes ideal for fast, thorough cleaning of burs.

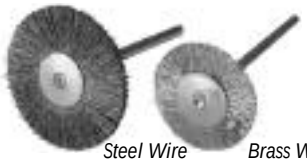
- *3" long steel wire section bound in plastic tubing can be trimmed to expose more wire*
- *Available with or without 5" long comfortable wooden handle*

Item #	Description
07430	Bur Cleaning Brush without Handle
07420	Bur Cleaning Brush with Handle

Brushes, Rotary Wire

Stiff steel and brass rotary wire brushes mounted on HP-sized mandrels designed for tough cleaning tasks.

Item #	Description
07470	3/4" Steel Wire Brush, Pkg. of 12
07480	1" Steel Wire Brush, Pkg. of 12
07460	3/4" Brass Wire Brush, Pkg. of 12


Steel Wire *Brass Wire*

Brushes, Abbott-Robinson®

Wood Hub Brush Wheels

High quality bristle brushes designed for use on dental lathes for general cleaning and polishing applications.

- *Natural bristles permanently mounted to select oil-treated hardwood blocks promote scratch-free operation*
- *Uniform trim and balance assure good contact and even wear*
- *Tapered-spindle mounting for universal operation*

Item #	Description
07200	No. B4, 1 7/8" Diameter, 1 Straight Row
07210	No. B12, 1 3/4" Diameter, 2 Converging Rows
07220	No. B14, 2" Diameter, 2 Converging Rows
07230	No. B20, 2 1/2" Diameter, 2 Converging Rows
07230D	No. B20, Package of 12
07240	No. B23, 2 3/4" Diameter, 3 Converging Rows
07250	No. B25, 2 3/4" Diameter, 3 Straight Rows
07260	No. B27, 3" Diameter, 4 Converging Rows
07270	No. B29, 3" Diameter, 4 Straight Rows

Wood Hub Brush Wheels

Buff-Brite Polishing Wheels- *See "Polishing Wheels" later in this Section*

Buffs, Chamois w/ Leather Center

Tough durable chamois wheels excellent for application of polishing materials and for final polishing.

- *Feature leather centers for convenient use on tapered spindles in dental lathes*

Item #	Description
07600	1" Diameter, 4 Ply
07610	2" Diameter, 10 Ply
07620	2 1/2" Diameter, 10 Ply
07630	3" Diameter, 10 Ply

Chamois w/ Leather Centers

Buffs, Cotton Flannel

Durable cotton ply buffs for smooth finishing and application of polishing materials.

- *Designed for convenient use on tapered spindles in dental lathes*

Item #	Description
07710	3" x 20 Ply
07720	4" x 20 Ply

Cotton Flannel Buff

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

Buffs, Felt

High quality fine white wool felt buffs designed for all types of polishing.

- *Compressed and hard finished for durable service, even when wet*
- *Pinhole centers ideal for mounting on tapered lathe chucks and HP mandrels as appropriate*

Item #	Description
40000	No. 1C Pointed Cone, 1/2" Dia. x 1" Long
40010	No. 2C Pointed Cone, 3/4" Dia. x 1 1/2" Long
40020	No. 3C Pointed Cone, 1" Dia. x 2" Long
40030	No. 4C Blunt Cone, 1/2" Dia. x 1" Long
40040	No. 5C Blunt Cone, 3/4" Dia. x 1 1/2" Long
40050	No. 6C Blunt Cone, 1" Dia. x 2" Long
40100	No. 2S Wheel, 2" Diameter x 1/2" Thick

Felt Minim Buffs

Buffs, Felt Minim

Assortments of hard pointed felt cones, knife-edge wheels, and square-edge wheels for buffing and polishing.

- *Hard and soft miniature felt wheels are 1/8" thick*
- *Pinhole centers for mounting on tapered lathe chucks and HP mandrels as appropriate*

Item #	Description
40310	Assorted Cones & Wheels, Pkg. of 24
40350	3/8" Pointed Cones, Pkg. of 24
40360	1/2" Pointed Cones, Pkg. of 24
40400	1/2" Knife Edge Wheel, Pkg. of 24
40410	5/8" Knife Edge Wheels Pkg. of 24
40501	1/2" Hard Sq. Edge Wheels, Pkg. of 24
40502	1/2" Hard Sq. Edge Wheels, Pkg. of 100
40511	5/8" Hard Sq, Edge Wheels, Pkg. of 24
40512	5/8" Hard Sq. Edge Wheels, Pkg. of 100
40521	3/4" Hard Sq. Edge Wheels, Pkg. of 24
40522	3/4" Hard Sq. Edge Wheels, Pkg. of 100
40531	1/2" Soft Sq. Edge Wheels, Pkg. of 24
40532	1/2" Soft Sq. Edge Wheels, Pkg. of 100
40541	5/8" Soft Sq. Edge Wheels, Pkg. of 24
40542	5/8" Soft Sq. Edge Wheels, Pkg. of 100
40551	3/4" Soft Sq. Edge Wheels, Pkg. of 24
40552	3/4" Soft Sq. Edge Wheels, Pkg. of 100

Buffs, Miniature Muslin

Economical dozen packages of 16 ply miniature buffs for precision polishing tasks.

- *Convenient center holes for HP mandrel mounting as appropriate*

Item #	Description
07800	7/8" Diameter, Pkg. of 12
07810	1" Diameter, Pkg. of 12
07820	1 1/4" Diameter, Pkg. of 12
07830	1 1/2" Diameter, Pkg. of 12

Miniature Muslin

Buffs, Muslin

Multi-ply muslin buffs for application of polishing materials and fast polishing action.

- *Center holes designed for tapered chuck mounting*

Item #	Description	Item #	Description
07850	2" x 24 Ply	07990	4" x 30 Ply
07860	2" x 30 Ply	08010	4" x 35 Ply
07890	3" x 24 Ply	08030	4" x 42 Ply
07910	3" x 30 Ply	08050	5" x 30 Ply
07930	3" x 35 Ply	08070	5" x 45 Ply
07970	4" x 24 Ply	08090	6" x 30 Ply

Muslin

Buffs, Lead-Centered Muslin

Designed for superior polishing action when used alone or with polishing materials.

- *Center holes designed for tapered lathe chuck mounting*

Item #	Description	Item #	Description
08200	3" x 28 Ply	08240	4" x 28 Ply
08220	3" x 36 Ply	08260	4" x 36 Ply

Lead-Centered Muslin

Buffs, Yellow Muslin

Chemically treated muslin designed for faster finishing and polishing and longer life.

- *Excellent holding and presentation of pumice to periphery of wheel*

- *Combed edges resist shredding*
- *Center holes designed for tapered lathe chuck mounting*

Item #	Description
08100	3" 30 Ply
08110	4" 30 Ply
08120	4" 40 Ply

Yellow Muslin

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

Abbott-Robinson® Tungsten Carbide Burs

High quality tungsten carbide lab burs feature rapid cutting, long life, excellent concentricity, and smooth trimming of porcelain and gold castings.

- ***DIAMOND CUT*** *pattern is snag resistant and excellent for pulverizing hard materials*
- ***DUAL CUT*** *pattern improves chip breaking and minimizes clogging*
- *HP burs feature 3/32 in. (2.35 mm) shank diameters*
- *Lathe burs feature 1/8 in. and 1/4 in. shank diameters*

84T- Tungsten Carbide

Abbott-Robinson® *TNT*™ Titanium Nitride Coated Burs

Tough, high quality Titanium Nitride ***TNT*** gold coating keeps edges sharper, lasts longer, and improves durability up to three times of standard burs.

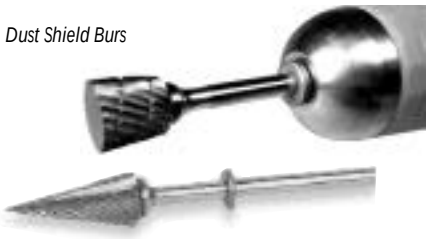
- *TNT coating acts as a lubricant to improve chip removal and provide a smoother finish*

84T- ***TNT*** *Titanium Nitride Coated*

Abbott-Robinson® Dust Shield Burs *(Patented!)*

All HP burs are also available with a permanently mounted "Dust Shield" collar on the shank. This collar is designed to prevent dust from entering the handpiece chuck and can greatly extend the life of the handpiece. To order, add "-SH" to the end of the Item #'s of the burs you are ordering.

Dust Shield Burs



Regrinding Service

Buffalo Dental carbide burs remain sharp after months of continuous use. Reprocessing of dulled burs is available including reshaping of contours and regrinding cutting edges as needed. Most burs can be reprocessed several times to like-new condition, representing significant savings versus buying new burs. Please contact Buffalo Dental for details.

HP Burs, DIAMOND CUT Tungsten Carbide

(3/32 " Shank Diameters)

Abbott-Robinson® Carbide Burs

	B1 3/32"x5/16"	B2 D-2	B3 D-3	B4 D-4	B5 D-5	B6 D-6	B7 D-7	31P Taper Fissure	32P Fissure	33C X-Small Cylinder	71G Small Inv. Cone
Coarse Cut #	NA	NA	NA	NA	NA	NA	NA	18110CDM	18040CDM	18180CDM	18090CDM
Regular Cut #	18201	18202	18203	18204	18205	18206	18207	NA	NA	NA	NA

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

HP Burs, DIAMOND CUT Tungsten Carbide

Abbott-Robinson®

(3/32 " Shank Diameters)

Shape:	88A Barrel	82T Cone	83E Cylinder	52C Egg/ Oval	52R Small Egg/Oval	81A/61A Flame	73C Inverted Cone	53A Pear	52D Round	54D Small Round	84T Taper
Coarse Cut #	18000CDM	18010CDM	18020CDM	18030CDM	18031CDM	18050CDM	18060CDM	18070CDM	18080CDM	18081CDM	18100CDM
Fine Cut #	18000FDM	18010FDM	NA	18030FDM	NA	18050FDM	NA	18070FDM	18080FDM	NA	18100FDM

Shape:	63B Flame	51A Small Flame	41P Small Cone	44C Small Cylinder
Coarse Cut #	18120CDM	18130CDM	18140CDM	18150CDM
Fine Cut #	18120FDM	NA	NA	NA

With *TNT* Coating

Shape:	B2 D-2	B3 D-3	B4 D-4	B5 D-5	B6 D-6	B7 D-7
Regular Cut #	B2-GOLD	B3-GOLD	B4-GOLD	B5-GOLD	B6-GOLD	B7-GOLD

Note: NA indicates not available.

HP Burs, DUAL CUT Tungsten Carbide

Abbott-Robinson®

(3/32 " Shank Diameters)

Shape:	31P Taper	32P Fissure	33C X-Small Cylinder	71G Small Inv. Cone	88A Barrel Cone	82T Cone	83E Cylinder	52C Egg/	52R Small Oval	81A/61A Flame Egg/Oval	73C Inverted Cone
Regular Cut #	18110	18040	18180	18090	18000	18010	18020	18030	18031	18050	18060

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

HP Burs, DUAL CUT Tungsten Carbide

Abbott-Robinson®

(3/32 " Shank Diameters)

Shape:	53A Pear	52D Round	54D Small Round	84T Taper	63B Flame	51A Small Flame	41P Small Cone	44C Small Cylinder
Regular Cut #	18070	18080	18081	18100	18120	18130	18140	18150

With *TNT* Coating Shape:	31P Taper Fissure	32P Fissure	33C X-Small Cylinder	71G Small Inv. Cone
	31P-GOLD	32P-GOLD	33C-GOLD	71G-GOLD

With *TNT* Coating Shape:	88A Barrel	82T Cone	83E Cylinder	52C Egg/ Oval	81A/61A Flame	73C Inverted Cone	53A Pear	52D Round	84T Taper	63B Flame	51A Small Flame
Coarse Cut #	NA	C-82T-GOLD	NA	C-52C-GOLD	C-81A-GOLD	NA	C-53A-GOLD	C-52D-GOLD	C-84T-GOLD	NA	NA
Regular Cut #	88A-GOLD	82T-GOLD	83E-GOLD	52C-GOLD	81A-GOLD	73C-GOLD	53A-GOLD	52D-GOLD	84T-GOLD	63B-GOLD	51A-GOLD
Fine Cut #	NA	F-82T-GOLD	NA	F-52C-GOLD	F-81A-GOLD	NA	F-53A-GOLD	F-52D-GOLD	F-84T-GOLD	NA	NA

1/8" – 1/4" Lathe Burs, DUAL CUT Tungsten Carbide

Abbott-Robinson®

(1/8" Shank Diameters)

Shape:	Round	Small Inv. Cone	Barrel	Cone	Cylinder	Egg	Flame	Inverted Cone	Pear	Taper
Regular Cut	18085	18095	18500	18510	18520	18530	18550	18560	18570	18600

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

1/4" Lathe Burs, Tungsten Carbide

Abbott-Robinson®

(1/4" Shank Diameters)

DIAMOND CUT				DUAL CUT			
Shape	Barrel	Cylinder	Taper	**Shape**	Barrel	Cylinder	Taper
Coarse Cut #	19000CDM	19010CDM	19020CDM	**Regular Cut #**	19000	19010	19020

3/8" Lathe Burs, DIAMOND CUT Tungsten Carbide

Abbott-Robinson®

(1/4" Shank Diameters)

Shape	A3/8 Taper	B3/8 Cone	C3/8 Flame	D3/8 Egg	E3/8 Cylinder	F3/8 Barrel
Coarse #	19130CDM	19100CDM	19120CDM	19110CDM	19150CDM	19140CDM

3/8" Lathe Burs, DUAL CUT Tungsten Carbide

Abbott-Robinson®

(1/4" Shank Diameters)

Shape	A3/8 Taper	B3/8 Cone	C3/8 Flame	D3/8 Egg	E3/8 Cylinder	F3/8 Barrel	G3/8 Ball
Regular Cut #	19130	19100	19120	19110	19150	19140	19160

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

3/8" Lathe Burs, DUAL CUT Tungsten Carbide With *TNT* Coating

Abbott-Robinson®

(1/4" Shank Diameters)

Shape	A3/8 Taper	B3/8 Cone	C3/8 Flame	D3/8 Egg	E3/8 Cylinder	F3/8 Barrel
Regular Cut #	A3/8-GOLD	B3/8-GOLD	C3/8-GOLD	D3/8-GOLD	E3/8-GOLD	F3/8-GOLD

1/2" Lathe Burs, DIAMOND CUT Tungsten Carbide

Abbott-Robinson®

(1/4" Shank Diameters)

Shape	A1/2 Taper	B1/2 Cone	C1/2 Flame	D1/2 Egg	E1/2 Cylinder	F1/2 Barrel
Coarse Cut #	19340CDM	19300CDM	19330CDM	19320CDM	19310CDM	19350CDM

1/2" Lathe Burs, DUAL CUT Tungsten Carbide

Abbott-Robinson®

(1/4" Shank Diameters)

Shape	A1/2 Taper	B1/2 Cone	C1/2 Flame	D1/2 Egg	E1/2 Cylinder	F1/2 Barrel	G1/2 Ball
Regular Cut #	19340	19300	19330	19320	19310	19350	19360

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

1/2" Lathe Burs, DUAL CUT Tungsten Carbide With *TNT* Coating

Abbott-Robinson®

(1/4" Shank Diameters)

Shape	A1/2 Taper	B1/2 Cone	C1/2 Flame	D1/2 Egg	E1/2 Cylinder	F1/2 Barrel
Regular Cut	A1/2-GOLD	B1/2-GOLD	C1/2-GOLD	D1/2-GOLD	E1/2-GOLD	F1/2-GOLD

Burs, Dowel Pin Model Burs

Unique, time-saving HP burs with hollow center channels cut half round troughs around dowel pin tips and eliminates the need for wax or tunnel aids to block out the tips.

- *Available in two sizes for convenient anterior and posterior use*

Item #	Description
20500	Dowel Pin Model Bur, Small/ Anterior
20501	Dowel Pin Model Bur, Large/ Posterior
20505	Dowel Pin Model Bur, Set of Two

*Note: **TNT** (Titanium Nitride) tough gold coating available upon request. Minimum 50 assorted burs per order. Please call for details.*

Bur, (enlarged)

Burs, Jewelers Florentine

Solid carbide burs with 1/8" shanks deliver outstanding tool life in universal jewelry applications.

(1/8" Shank Dia.)

Item #	Description
FB1	1/8" x 1/2" Cylinder
FB2	1/8" Pointed
FB3	5/32" Barrel

Barrel *Cylinder* *Pointed*

Burs, Jewelers Inside Ring Carbides

Cylindrical shaped burs with custom carbide cutting edges promote fast and easy finishing and universal adaptation to inside ring surfaces.

Head Diameter	Shank Diameter	Item # Fine	X-Fine	X-Coarse	Standard
1/4"	3/32"	JB1	JB2	JB3	JB4
3/8"	1/8"	JB10	JB11	JB12	JB13
1/2"	1/4"	JB20	JB21	JB22	JB23

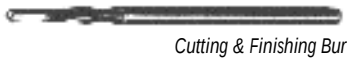
Jewelers Inside Ring Carbide

Burs, Miscellaneous

High quality burs for miscellaneous applications.

- *Cutting and Finishing Bur utilizes hardened tool steel for fast and accurate cutting to 15,000 rpm. Bur is ideal for trimming custom trays, base plates, and tough thermoplastic sheet materials.*
- *Plastic & Stone Trimming Burs designed for fast and smooth trimming of stone and epoxy dies, models, acrylics, and sheet resin materials. Burs constructed of carbide steel for long life. Popular taper shape with non-clogging flutes.*

Item #	Description
18160	47 Series Bur, Cone, Fine (47-XF)
18170	47 Series Bur, Cone, Coarse (47-XC)
20000	Cutting & Finishing Bur for Thermoplastic Materials, HP
18100PS	Plaster & Stone Trimming Bur, HP
19340PS	Plaster & Stone Trimming Bur, 1/4"Lathe



Cutting & Finishing Bur

Plaster & Stone Trimming Bur

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

Burs, Mollo-Cutter Burs, Assorted, Pkg. Of 3- *See Section 5, Denture Materials*

Burs, Nail

Durable carbide burs with extra fine cutting pattern ideal for smooth trimming and shaping acrylic nails.

- ***TNT*** *Titanium Nitride gold coating available for extra-long instrument life*

Item #	Description
NB3	Large Taper, HP Shank, Tungsten Carbide
NB4	Small Taper, HP Shank, Tungsten Carbide
NB5	Large Cylinder, HP Shank, Tungsten Carbide
NB6	Small Cylinder, HP Shank, Tungsten Carbideµ
NBKIT	Nail Bur Kit, (One Each NB3 - NB6)
NB3TNT	Large Taper, HP Shank, ***TNT*** Coating
NB4TNT	Small Taper, HP Shank, ***TNT*** Coating
NB5TNT	Large Cylinder, HP Shank, ***TNT*** Coating
NB6TNT	Small Cylinder, HP Shank, ***TNT*** Coating

Nail Burs

Burs, Nail CC-Series with *TNT* Coating

CC-Series carbide burs with titanium nitride coating for faster trimming and longer life.

Item #	Description
CC1	Large Cylinder
CC2	Small Cylinder
CC3	Large Taper
CC4	Small Taper
CC5	Football
CCKIT	One of Each of CC1 - CC5

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Cut-Off Disk

Durable, aggressive cutting abrasive disk excellent for trimming vacuum formed tray materials.

- *Use with disk flange chuck for ideal cutting control*
- *Tough 2" diameter wheel facilitates use to 30,000 rpm*

Item #	Description
34400	2" Cut - Off Disk

Cut-Off Disk

Mandrels

High quality, hardened steel mandrels in a variety of designs and sizes deliver concentric operation and long life.

- *Economical packages of 12*

Item #	Description
60600	No. 301 HP, Pkg. of 12
60605	No. 301A HP, Pkg. of 12
60630	No. 303 HP, Pkg. of 12
60640	No. 303RA (.850" OAL), Pkg. of 12
60680	No. 303 1/2 HP, Pkg. of 12
60690	No. 303 1/2 RA (.850" OAL), Pkg. of 12
60740	No. 304 HP, Pkg. of 12
60750	Heavy Duty, 1/8", Pkg. of 12

301 *301A* *303* *303 1/2* *304* *Heavy Duty*

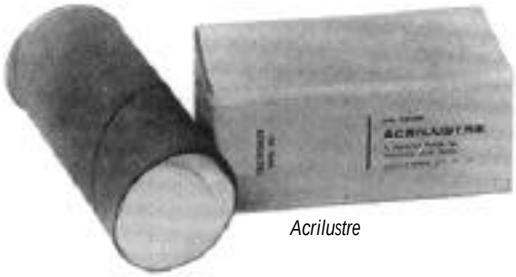
Polishing Compounds

Acrilustre

A greaseless polishing compound for use on acrylics, plastics and metals.

- *Apply dry on cloth buffs to produce high lustre without discoloration*
- *Supplied in cardboard tubes to promote clean use*

Item #	Description
00651	Acrilustre, 5 Oz.
00650	Acrilustre, 1 Lb.



Acrilustre

1) Abrasives: Burs, Brushes, Finishing & Polishing Products *(Continued)*

Blu-Brite

A high quality polishing compound designed to produce rapid lustre on hard-to-polish composite materials.

- *Apply with dry cloth buffs for best results*
- *Supplied in cardboard tubes to promote clean use*

Item #	Description
76010	Blu-Brite, 1.7 Oz.

Blu-Brite

Red Rouge-XXG

Well-known polishing material excellent for final polishing of gold work.

- *Apply with dry cloth buffs for best results*

Item #	Description
75200	Red Rouge, 1/8 Lb.
75210	Red Rouge, 1/2 Lb.

Red Rouge

Tripoli

The ideal polishing material for initial polishing of dental materials and metal.

- *Excellent for removing scratches and preparing work for final polishing*
- *Apply with cloth buffs or bristle brushes for best results*

Item #	Description
83080	Tripoli, 1/4 Lb.
83091	Tripoli, 1 Lb.

Trioli

Mollobrasive Points, SoftGrind Grinding Sleeves, Pre-Poslishers and Mollo-Cutter Burs-
See Section 5, Denture Materials

Polishing Kits-*A variety of student polishing kits are available for many training settings. Please call for details.*

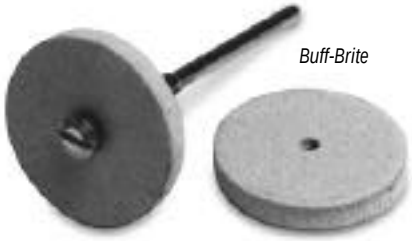
Polishing Wheels, Abbott-Robinson® Buff-Brite™ Wheels

Unique rubber wheels with embedded aluminum oxide abrasive avoid contamination of work and provide high lustre polishing on porcelain, composites and gold.

- *Flexible wheels are easy to shape for specific applications*
- *Economic bulk packaging of 100 wheels*
- *Work well for metal polishing and cleaning procedures*

Item #	Description
62550	Abbott-Robinson Buff-Brite Polishing Wheels, Box of 100

Note: Available While Supplies Last



Buff-Brite

2) Air Abrasion Products, Accessories and Supplies

Optiblast™ Microblaster

The autoclavable, rugged non-recycling microblaster that promotes improved, more predictable bonding. Use Optiblast prior to bonding to increase surface area up to 400% and greatly improve bonding strengths. The small body size (6 1/2" long x 5/8" diameter) helps reduce hand fatigue and improves access, and the autoclavable body, tips, and solid construction minimize maintenance requirements.

- *Registered for intraoral use to enhance safe operation*
- *Precision fingertip-controlled needle valve provides superior tactile sensitivity*
- *Available 0, 60, 90, and 120 degree tip options (60 degree tip supplied standard with unit)*
- *Use on enamel and dentin prior to bonding procedures, for cleaning and preparation of internal surfaces of crowns, for intraoral repair of porcelains and composites, for removal of cement from crowns, and for preparation and cleaning of orthodontic brackets*
- *Operates on standard 40 – 70 psi air pressure*
- *Complete unit includes microblaster, 1/16" ID (1/8" OD) air tubing, and 50 micron Aluminum Oxide blasting media sample*

Item #	Description
36500	Optiblast Microblaster Finishing System Complete

Optiblast Replacement Tips and Supplies

36510	0 Degree Tip (.048" Diameter)
36520	60 Degree Tip (.048" Diameter)
36530	90 Degree Tip (.048" Diameter)
36540	120 Degree Tip (.048" Diameter)
36600	Replacement Media Jar (with Lid)

Optiblast Microblaster

Optiblast Disconnect Kits

36550	Chairside Disconnect Kit (Includes Quick Disconnect Coupling and Tee for connecting Optiblast to 1/16" ID air supply tubing in operatory)
36556	Lab Disconnect Kit (Includes Quick Disconnect Coupling for connecting Optiblast to 1/4" ID air supply tubing in lab)

Optiblast 50 Micron Aluminum Oxide Blasting Media

36590	1 LB. Refill
36594	4 LB. Refill

Opti™ Workstation

The Opti Workstation is an effective compact laboratory workstation with bright illumination and built-in dust collection. The hinged top window and internal lighting provide bright illumination for clear viewing, and the efficient suction fan and pleated filter collect damaging grinding debris while maintaining quiet operation.

- *Dual wide hand holes allow comfortable operation and easy access to large internal workspace*
- *Additional 120 V AC outlet on back and hinged rear door for convenient use and cleaning*
- *Use for collecting dust and grinding debris generated by Optiblast, electric handpieces, and other small dust producing devices in the dental office or laboratory*
- *Small size (11" W x 12" D x 8 1/2" H x 14 lbs.) fits easily on most countertops*

Item #	Description
36560	Opti Workstation with Suction and Light, 120 V AC
36565	Opti Workstation with Suction and Light, 220 V AC
36570	Opti Workstation without Suction, with Light 120 V AC
36575	Opti Workstation without Suction, with Light 220 V AC

Note: Opti Workstation w/o Suction has 2 7/8" OD Port on back of Unit.

67056	Replacement Filter for Opti Workstation
67058	Replacement Window for Opti Workstation
67055B	Replacement Light Bulb for Opti Workstation, 120 V AC

Opti Workstation

Pony™ Sandblaster

A compact and sturdy, bench-top recirculating sandblaster with high powered blasting action. The hinged 5" x 7" top window and internal lighting provide bright illumination for clear viewing, and the lever-type air gun recirculates abrasive and provides pin-point abrasive spray control.

- *Tightly sealed left-side neoprene glove and top window keep dust enclosed in cabinet*
- *On/Off power switch on cord for convenient control of cabinet illumination*
- *Efficient unit requires only 60 to 90 psi compressed air (compressor not included) for effective operation*
- *Use for removing unwanted investment, oxide, heat scales, and burs from castings and for preparing work for finishing*
- *Small size (11 1/4" x 10 1/2" x 10 5/8") fits easily on most countertops*
- *Complete unit includes air tubing, air gun, glove, light bulb, and 5 lbs. of silica blasting media*

Item #	Description
75800	Pony Sandblaster Complete, 120 V AC
75801	Pony Sandblaster Complete, 220 V AC
75810	Silica Blasting Media, 5 LB. Bag

Pony Sandblaster

3) Casting Machines and Accessories

AccuCast™ Premium Casting Machine

The rugged, improved, patented centrifugal casting machine with pre-calibrated balancing that helps ensure superior, dense castings every time. The rugged construction promotes safe operation and a long working life, and the positive locking crucible carrier secures type-A crucibles and prevents accidental shifting or releasing.

- *Pre-Calibrated, one-step balancing system saves time and eliminates guesswork*
- *Versatile carrier adapter allows use with Kerr-type or Wesgo-type crucibles*
- *Drop-in spring design ensures powerful operation, keeps spring secure, and allows for easy replacement*
- *Snap-in cradles fitted to each ring flask assure correct alignment with crucible sprue holes*
- *Convenient size (19 5/16" arm length, 7" x 6 1/2" base housing, 12 1/2" overall height) fits most lab benches*
- *AccuCast Complete System includes 1 Type "A" Crucible, 4 Steel Ring Flasks (#'s 12, 17, 25, 35), 4 Cradles (#'s 12A, 17A, 25A, 35A), 4 Rubber Sprue Bases (#'s 12R, 17R, 25R, 35R), 2 Flask Tongs (Small and Large), and 1 Crucible Carrier Adapter*

Item #	Description
28007	AccuCast Complete System
28008	AccuCast with Crucible and Adapter Only

Castmaster™ II Casting Machine

The Castmaster II is a more economical casting machine with a classic design that helps assure a straight, smooth flow of gold and dense castings. The unit features a heavy duty spring and heavy base to promote safe and powerful operation.

- *Regular arm (22" length) system provides additional casting force and holds flasks up to 3 1/2" x 5" size*
- *Short arm (15" length) is designed to hold Wesgo-type and high temperature-type crucibles up to 3 1/2" x 2 3/4" size*
- *Regular Arm Complete System includes 1 Type "A" Crucible, 2 Steel Ring Flasks (#'s 25 and 35), 2 Rubber Sprue Bases (#'s 25R and 35R), 1 Cradle, and 1 Small Flask Tong*
- *Short Arm Complete System includes 1 Standard Hood Quartz Crucible, 2 Steel Ring Flasks (#'s 12 and 17), 2 Rubber Sprue Bases (#'s 12R and 17R), 1 Cradle, and 1 Small Flask Tong*

Item #	Description
17-017	Castmaster II w/ Regular Arm and Accessories
17-018	Castmaster II w/ Short Arm and Accessories

Cradles

AccuCast Custom Cradles feature stainless steel construction and are custom fitted to each ring flask.

Item #	Description
28014	No. 12A for 1 1/4" diameter Flask (For AccuCast Only)
28015	No. 17A for 1 3/4" diameter Flask (For AccuCast Only)
28016	No. 25A for 2 1/2" diameter Flask (For AccuCast Only)
28017	No. 35A for 3 1/2" diameter Flask (For AccuCast Only)
17-017-09A	Small
17-017-09B	Large

Cradles

Crucibles

Item #	Description
28010	Type "A", Clay
28011	Slotted Hood, Quartz (reqs. Adapter)
28013	Standard Hood, Quartz (reqs. Adapter)
28018	Type "A", Quartz
28012	Jumbo Type "A", Clay
28172	Adapter for Kerr-Type Crucible

Hood Type Crucible

Type "A" Crucible

Ring Flasks

Item #	Description
28030	No. 12 Ring- (1 1/4"x1 1/2")
28040	No. 17 Ring- (1 3/4" x 1 1/2")
28050	No. 25 Ring- (2 1/2" x 2")
28060	No. 35 Ring- (3 1/2" x 2 1/2")
28061	No. 45 Ring- (3 1/2" x 5")

Casting Rings

Rubber Sprue Bases

Item #	Description
28140	No. 12R Sprue Base - (1 1/4")
28141	No. 17R Sprue Base - (1 3/4")
28142	No. 25R Sprue Base - (2 1/2")
28143	No. 35R Sprue Base - (3 1/2")

Rubber Sprue Bases

Other Casting Accessories

Flask tongs feature heavy duty carbon steel construction and are 15 1/2" long.

Sprue Former- *see page 39*

Item #	Description
28165	Small Flask Tong (for flasks up to 3" diameter)
28166	Large Flask Tong (for 3 1/2" diameter flasks)

Sm. & Lg. Flask Tongs

4) Dental Operatory Products and Supplies

Amalgam Well

Stainless steel well features a deep cone-shape and internal scoring to promote easier pick-up of amalgam.

- *Standard well utilizes permanently attached foam rubber base to minimize movement*

Item #	Description
87400	Standard Amalgam Well

Standard Amalgam Well

Amalgam Carriers and Amalgam Packer Kits- *See Section 11, Instruments*

Aprons, Patient Protection Aprons

Soft, disposable, waterproof blue plastic aprons offer greater protection than paper and feature a large 26" x 30" size.

- *Economical bulk packaging in rolls of 100 aprons*

Item #	Description
02300	Blue Plastic Aprons, Roll of 100

Apron

Aprons, X-Ray Aprons

Heavy duty X-Ray aprons feature 3 mm thick lead lining for improved protection of patients.

- *Easy clean vinyl surfaces with several attractive colors*

- *Large 22" wide by 26" long size for extended protection area*

Item #	Description
02310	X-Ray Apron, Beige
02311	X-Ray Apron, Blue
02314	X-Ray Apron, Green
02316	X-Ray Apron, Yellow

X-Ray Apron

Dappen Glass

Attractive dappen glasses feature polished beveled glass construction that helps prevent material sticking.

- *Economical packages of 12*

Item #	Description
46500	Dappen Glass, Amber, Package of 12
46510	Dappen Glass, Blue, Package of 12
46520	Dappen Glass, Clear, Package of 12
46530	Dappen Glass, Green, Package of 12

Dappen Glass

Dental Floss

Extra strong waxed nylon floss in pleasant wintergreen flavor resists fraying and tangling and promotes patient comfort.

- *Double cutter top for easy dispensing*

Item #	Description
44180	Waxed Floss, 150 Yard Roll

Floss

Glass Beads

Replacement glass beads for older sterilizer and mirror warmer devices.

Item #	Description
05000	Glass Beads, 1.5 mm Diameter, 2 Oz. Pkg.

Glass Slabs

Polished glass mixing slabs with beveled edges promote improved mixing and safe and comfortable handling.

Item #	Description
78510	No. 2, Glass Slab (3”x4”x1/4”)
78520	No. 3, Glass Slab (2 1/2”x3”x1/4”)
78530	No. 4 Glass Slab (4”x6”x1/4”)
78570	No. 10 Glass Slab (3”x6”x1/2”)
78580	No. 10A Glass Slab (3”x6”x3/4”)

No. 10 Glass Slab

4) Dental Operatory Products and Supplies *(Continued)*

Headrest Covers

Durable headrest covers resist moisture, protect headrests, and improve patient comfort.

- *Regular Size effective for protecting double-cup headrests (10 1/2" L x 9 1/2" H)*
- *Regular Size with Gussets feature extra fullness and are ideal for double-cup headrests (12 1/2" x 8 1/2")*
- *Large Size with Gussets excellent for protecting contour chair and pillow-type headrests (15 1/4" x 8 1/2")*

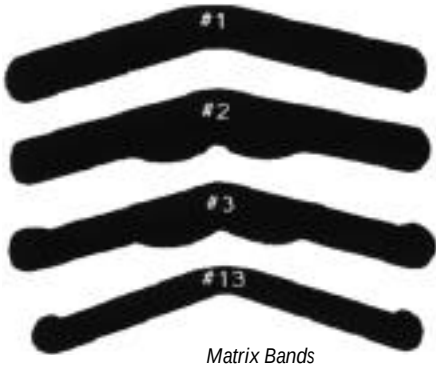
Item #	Description
31750	Regular, Blue, Roll of 500
31790	Regular, Clear, Roll of 500
31740	Regular, White, Roll of 500
31820	Regular w/ Gussets, Clear, Box of 500
31830	Regular w/ Gussets, White, Box of 500
31850	Large w/ Gussets, Clear, Box of 400
31860	Large w/ Gussets, White, Box of 400

Headrest Covers

Matrix Bands, Tofflemire Type

Tofflemire type stainless steel matrix bands feature excellent strength, improved intraoral access, and are designed for universal use.

Item #	Description
61000	.0015" No. 1, Pkg. of 12
61010	.0015" No. 2, Pkg. of 12
61020	.0015" No. 3, Pkg. of 12
61030	.0015" No. 13, Pkg. of 12
61210	.0020" No. 1, Pkg. of 12
61220	.0020" No. 2, Pkg. of 12
61230	.0020" No. 3, Pkg. of 12
61240	.0020" No. 13, Pkg. of 12



Matrix Bands

Matrix Retainers, Tofflemier Type

Tofflemire type retainer features smooth operation and is designed for universal use.

Item #	Description
61150	Contra Angle, Adult Size
61160	Contra Angle, Child Size
61170	Universal

Matrix Retainer

Matrix Strips, Mylar

Clear mylar matrix strips are ideal for use with light-cured composite resin materials and feature smooth surfaces to minimizes interproximal finishing needs.

- *Thin, strong construction eases use and minimizes tearing*
- *Ultra-thin design (.002") and 5" length for improved access*

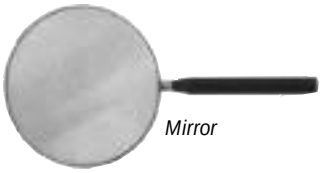
Item #	Description
70500	Mylar Strips, .002", Box of 100

Matrix Strips

Mirror, Patient Mirror

- *High quality, 3 1/2" diameter mirror with distortion-free glass and swivel head promotes improved viewing and convenient use.*

Item #	Description
61755	Patient Mirror, 3 1/2" Diameter



Mirror

Napkin Holders

Durable napkin holders with strong metal chains and alligator clips for secure holding and long life.

- *Nickel-plated version fully autoclavable for improved infection control*
- *Colored sleeve versions (14" total length) and Nickel-plated (10 1/4" total length) available*

Item #	Description
51451	Nickel-plated, Autoclavable, Pkg. of 12
51591	Blue Sleeve, Pkg. of 12
51611	Red Sleeve,Pkg. of 12
51621	White Sleeve, Pkg. of 12
51623	Yellow Sleeve, Pkg. of 12
51451X72	Nickel-plated, Autoclavable, Pkg. of 72
51591X72	Blue Sleeve, Pkg. of 72
51611X72	Red Sleeve, Pkg. of 72
51621X72	White Sleeve, Pkg. of 72
51623X72	Yellow Sleeve, Pkg. of 72

Nickel-plated *Color-Coded*

4) Dental Operatory Products and Supplies *(Continued)*

Prophy Cups

Natural rubber prophy cups are excellent for prophlaxis use but rigid enough for subgingival and interproximal use.

- *Solid construction helps prevent slipping and cup spreading*
- *Deep cups combine web and rib cleaning action and hold more paste without splattering*

Prophy Cup

Item #	Description
32224	White Snap-on, Box of 144

(Available While Supply Lasts)

Safety Wrap

All-purpose safety wrap in convenient 4" x 6" sheets in economical rolls of 1200 sheets.

Item #	Description
31900	Safety Wrap, Roll of 1200 Sheets

Trays, Dual Arch Fluoride Trays

Soft foam, I-beam style trays conform comfortably to most arches, treat both arches simultaneously, and require less fluoride than other trays.

- *Versatile 5" long trays can be easily trimmed to desired length*

Item #	Description
56553	Fluoride Trays, Pkg. of 100

Dual Arch Fluoride Trays

Waste Can Liners

Heavy weight blue plastic liners feature solid construction to prevent leakage and large 5 gallon capacity.

- *Liners utilize gussets and open to 8 1/2" x 9 1/2" x 26" size*

Item #	Description
58510	Waste Can Liners, Blue, Roll of 100

Waste Can Liners

Wedges, Nylon Wedges

Flexible, color-coded nylon wedges in multiple sizes adapt well to interproximal spaces but cause minimal gingival trauma.

Item #	Description
87301	Assorted Nylon Wedges, Pkg. of 400
87302	Blue Triangular Nylon Wedges, Pkg. of 100
87303	Green Oblong Nylon Wedges, Pkg. of 100
87304	Orange Trapezoid Nylon Wedges, Pkg. of 100

Assorted Nylon Wedges

X-Ray Rapid Developer and Instant Fixative

Rapid developer and fixer designed to allow immediate development of diagnostic x-rays with excellent visual quality.

- *Compatible with Kodak brand Ultra-Speed and other films*
- *Use for prompt and accurate assessment of endodontic, toothache, tooth fracture and other indications*
- *Rapid Developer Pkg. includes 110 cc liquid, powder vial, and developing jar – simply mix all liquid and powder together in jar to get up to 30 days or more of developing power*
- *Instant Fixative Pkg. contains 110 liquid and fixative jar- enough to fix films for up to 30 days or more*
- *Simplified procedure: Immerse film in Developer for 15 sec.; Rinse; Immerse in Fixative liquid for 30 sec.*

Item #	Description
33800	Rapid Developer
42300	Instant Fixative

X-Ray Rapid Developer and Instant Fixative

5) Denture Soft Reline Materials, Accessories and Supplies

mollosil®*plus* Automix Silicone Soft Reline Material

Mollosil *plus* features proven soft reline performance in an A-Silicone based, cold-curing automix formula. Packaged in the improved and easy-to-use Automix 2 cartridge system, mollosil *plus* allows the creation of perfect chairside relines in one office visit. The high performance material permanently adheres to acrylic dentures and resists bacterial contamination for years.

- *Safe mollosil plus develops no heat, odor, or poor taste during setting*
- *Indicated for relieving pressure areas on upper and lower dentures, steadying denture position, cushioning of implants, and many other intraoral uses*
- *Mollosil plus Adhesive conveniently exhibits color change when cured and creates highest adhesion of the reline to acrylic surfaces*
- *Mollosil plus 1:1 Polish creates protective glossy finish on final mollosil plus surfaces*
- *good morning spray inhibits plaque formation, extends the life of the soft reline, and simplifies patient care requirements*
- *Intro Kit includes 50 ml Cartridge mollosil plus (1:1 Ratio Cartridge fits new Automix 2 Dispenser), 7 Mixing Tips (pink) for Automix 2, 5 ml Primer (Adhesive), 2 x 7 ml Polish & a SoftGrind Grinding Mandrel/Sleeve*

Item #	Description
62360	mollosil *plus* (Automix 2) Intro Kit
62370	mollosil *plus* (Automix 2) Refill Pkg. (50 ml Cartridge only)
62355	Primer (Adhesive) for mollosil *plus*, 5 ml Bottle
62353	Polish for mollosil *plus* (7 ml Base + 7 ml Catalyst)
62390	*good morning* Spray, 100 ml. Bottle
62380	Dispenser Gun for Automix 2 (DS 50 works with 1:1 and 2:1 Cartridges)
62385	Mixing Tips (pink ferrule) for Automix 2, Pkg. of 48

Mollosil plus (Automix 2) Intro Kit

good morning spray

MOLLOSIL®

Hand Mix A-Silicone Soft Reline Material

The proven performance of mollosil *plus* in an economical and reliable hand mix version.

Item #	Description
62321	MOLLOSIL Small Pack (30ml Base, 30 ml Catalyst, Lustrol Polish, Bonding Agent)
62322	MOLLOSIL Std. Pack (50 ml Base, 50 ml Catalyst, Lustrol Polish, Bonding Agent, 2 Pipettes)

MOLLOSIL

MOLLOPLAST-B® Lab Processed Silicone Soft Reline Material- Now Microwaveable!

MOLLOPLAST-B is an industry-leading heat-processed silicone material that stays soft permanently and features decades of documented success in denture reline cases. The material bonds firmly to new or existing acrylic dentures, and stays elastic and bacterial free for years.

- *New Microwaveable consistency offers updated, fast curing and added plaque inhibitors*
- *Convenient lab procedure for use with existing dentures or during construction of new dentures*
- *Indicated for improving comfort and fit of acrylic dentures, relieving pressure spots, steadying dentures, and attachment to existing dentition*
- *Primo® Adhesive excellent for preparing existing acrylic for permanent attachment to MOLLOPLAST-B*
- *Lustrol® Polish in 1:1 mixing ratio creates protective glossy finish on final MOLLOPLAST-B surfaces*

Item #	Description
62300	MOLLOPLAST-B, 45 gm Reg. Size
62310	MOLLOPLAST-B, 170 gm Lab Size
58600	Lustrol, 6 ml Base and 6 ml Catalyst New 1:1 Mixing Ratio!
73000	Primo, 15 ml Bottle and Brush

MOLLOPLAST-B

5) Denture Soft Reline Materials, Accessories and Supplies *(Continued)*

SoftGrind™ Grinding Sleeves

The ideal abrasive system for adjusting and finishing silicone soft reline materials.

- *Unique reusable HP Mandrel features a rubber head to securely hold sleeves with a friction fit*
- *Sharp abrasive sleeves attach easily and remove silicone quickly with superior control*
- *Small sleeve size (5/16" Diameter x 1/2" Length w/ 60 degree tip angle) provides precise control*

Item #	Description
62400	SoftGrind Intro Kit, Pkg. of 10 Sleeves and 1 HP Mandrel
62410	SoftGrind HP Mandrel, Pkg. of 1
62420	SoftGrind Grinding Sleeves, Pkg. of 10

SoftGrind Grinding Sleeves

Pre-Polishers

Unique pre-polishing wheels create a smooth finish on silicone relines prior to the final polishing step.

- *Convenient packaging of 10 disposable Wheels and one reusable HP Mandrel*
- *3M Scottch-Brite® - style texture provides excellent finishing action*
- *Small size (1 1/8" Diameter x 1/4" Thick) allows improved access*

Item #	Description
62200	Pre-Polishers, Pkg. of 10 Wheels and 1 HP Mandrel

Mollo-Cutter™ Burs

Ultra-sharp steel burs with cross-cut flutes designed for fast and smooth trimming of silicone soft reline materials and acrylic denture base.

- *Resist clogging and heat generation*
- *Three assorted HP shapes per package*

Item #	Description
62280	Mollo-Cutter Burs, HP Sized, Set of 3

Mollo-Cutter Burs

Mollobrasive™ Points

Abrasive points with special, non-clogging grit designed for excellent smoothing and finishing of silicone soft reline materials.

- *Three HP points per package*

Item #	Description
62290	Mollobrasive Points, HP Sized, Set of 3

Mollobrasive Point

Denture Bags- *See Section 12 Labortory Products*

Flasks, Denture Flasks- *See Section 12 Labortory Products*

Insulating Materials- Flexistone and Flexistone plus- *See Section 12 Labortory Products*

Microwaveable Flask, SwissJet Flask- *See Section 12 Labortory Products*

6) Dust Collectors, Accessories and Supplies

DryVac™ Dust Collector

A durable, high-vacuum dust collector for situations requiring powerful, short duration dust extraction (indicated for dry model trimming.) DryVac features a powerful vacuum motor that provides strong suction, high capacity, and a simple and effective paper filter system.

- *1/2 HP intermittent-duty vacuum motor provides strong, high pressure (100 cfm) suction*
- *Permanently lubricated bearings and motor silencer cover promote quiet, reliable operation*
- *Comes complete with 4 feet of dust collection hose and filter paper*
- *Size: 24" H (27" w/ Silencer) x 15" D with 2 7/8" OD inlet*

Item #	Description
34000	DryVac Dust Collection System, 120 V AC
34050	DryVac Dust Collection System, 220 V AC
BAG3	Replacement Filter paper for DryVac, Pkg. of 1

DryVac

DustClear™ PreFilter Dust Collection System

DustClear is an efficient dust collection cabinet that features the innovative Air-Reverse™ filter cleaning technology. The non-powered cabinet is designed for use directly behind extremely dusty operations such as dry model trimming, but ahead of existing central dust collection systems. When used in this manner as an economical pre-filter unit, DustClear extracts nearly 100% of the voluminous waste from dusty procedures, protects down-stream equipment, and borrows suction power from the existing central dust collection system. DustClear can also be outfitted as a stand-alone powered dust collector by adding the companion intermittent-duty vacuum motor listed below.

- *AirReverse filter cleaning system (requires 80 psi compressed air) quickly and thoroughly cleans the filter cartridge and restores peak filtering efficiency*
- *Clear viewing window and quick-opening top promote convenient monitoring and cleaning of the system*
- *High-efficiency, pleated polyester filter cartridge traps dust and can last twice as long as other filters*
- *Large cabinet (11" W x 14" D x 18 1/2" H (w/o Motor) x 65 lbs.) w/ top mounted 2 7/8" OD air inlet and outlet ports*
- *Optional top-mounted 1/2 HP vacuum motor (10 1/2" H) converts DustClear to a high-powered, 100 CFM, stand-alone dust collector ideal for intermittent-duty use*

Item #	Description
37005	DustClear PreFilter Unit
37008	DustClear PowerUp Kit (Vacuum Motor), 120 V AC
37000	Fully Powered DustClear PreFilter System, 120 V AC
FI14	Replacement Filter For DustClear

Note: DustClear Requires 80 psi Compressed Air Attachment For Operation of Filter Cleaning Cycle

DustClear w/ Motor & Silencer

DustStation™ I

A classic, high performance, commercial grade dust collection system. DustStation I is a highly reliable unit designed to provide powerful, continuous and quiet dust collection for one or two work-stations.

- *1/2 HP continuous-duty motor, "squirrel-cage" blower, and dual 2 7/8" OD air inlets create steady 400 CFM suction*
- *Large cabinet size (15" W x 15" D x 21" H) features high collection capacity yet still fits beneath lab benches*
- *Air-tight seals and quiet motor promote low noise (72 decibels) and high efficiency*
- *Filter system features 14 cotton-covered steel mesh elements with extended surface area for entraping dust particles down to 1/2 micron size*
- *External shaker handle permits fast and effective cleaning of filter elements*

Item #	Description
35050	Dust Station I, 120 V AC,
35060	Dust Station I, 220 V AC,
35050S	Silencer for Duststation I
35052	Filter Bags, Set of 14
35052AO	Filter Bags for Aluminum Oxide, Set of 12
42101	Filter, 10 x 12 x 2 (For No. 807 Type Unit)
35082	No. 84 Filter Bags (Set of 30 for TORIT brand Unit)
35040-8	Vacuum Hose (3" ID), 8 Foot Section

Dust Station I

6) Dust Collectors, Accessories and Supplies *(Continued)*

Mobile LabStation™ with Suction

The mobile LabStation is a rolling lab cart with a built-in powered suction drawer. The unit is perfect for the small lab or dental office that desires an effective portable workstation with convenient storage space.

- *Enclosed powered Workbench Suction Drawer with clear safety shield provides effective grinding workstation*
- *Heavy-duty 90 lb. unit features durable construction and stain-resistant, attractive white laminate finish*
- *Pre-wired 6-outlet power strip (w/ 6' cord) and wire management tunnel allow fast and easy installation*
- *Large size (21" W x 23" D x 32" H) provides high storage capacity yet permits portability (on 4 rolling casters)*

Item #	Description
41250	Mobile LabStation w/ Suction Drawer, 120V AC

Mobile LabStation

Workbench Suction Drawer

A convenient, extendable, powered suction drawer with a flip-up safety shield designed for mounting underneath existing laboratory benches. The unit provides adequate dust collection power for grinding operations, yet can be fully retracted for storage underneath the lab bench when not in use.

- *Powerful 1.3 Amp "transflow-type" continuous-duty blower creates quiet, 125 CFM effective dust collection*
- *Unique, removable bottom pan promotes easy cleaning and can serve as a water trap for precious metals*
- *Easily mountable under most lab benches (18 1/2" W x 19" D x 7" H) with provided mounting screws*
- *Unpowered version also available for connection to external dust collector (2 7/8" OD) outlet port on back*

Item #	Description
36000	Workbench Suction Drawer (with Motor and Filter), 120V AC
36100	Workbench Suction Drawer (w/o powered suction, w/ 2 7/8" OD Port on Back)
42113	Filters, Package of 3, for Workbench Suction Drawer

Workbench Suction Drawer

Splashers- Lathe Splashers- *See Section 13, Lathes and Accessories*

Traps, Trap-Eze Disposable Plaster Traps- *See Section 14, Model Trimmers and Acc.*

Workstations- Opti Workstations- *See Section 2, Air Abrasion Products*

7) Handpieces (Air Turbine), Accessories and Supplies

No. 220 Air Turbine Handpiece

A classic, economical, 350,000 rpm air turbine handpiece that features powerful and comfortable operation.

- *Excellent power and torque for coarse grinding of porcelains and non-precious alloys*
- *Compact, lightweight design promotes ergonomic, comfortable operation*
- *FG-sized chuck and turbine system feature extended life and minimal maintenance*
- *Convenient push rod for ejection of friction-held 1/16" diameter burs*
- *Complete system includes No. 220 Handpiece, Filter/Reg/Lubricator unit w/ Wall Bracket and Connectors, Foot Control w/ 8' long Hoses, Chuck Tool, Replacement Metal Chuck, and Oil*

Item #	Description
01000	No. 220 Handpiece, Complete w/ Foot Control, Reg, Access.
01108	Handpiece only, No. 220
01116	Turbine Head Cartridge Only for No. 220

Note: 220 HP requires 60 - 80 psi and 2 CFM compressed air for optimum operation

No. 220

MaxAir™ Air Turbine Handpiece

A durable air turbine handpiece with 350,000+ rpm speed and an improved, modular cartridge system.

- *Ideal spindle precision, smoothness, and torque for fine grinding of porcelains and non-precious alloys*
- *Heavy-duty design improves reliability and promotes ergonomic, comfortable operation*
- *Improved modular turbine cartridge system extends turbine life and allows fast and easy replacement*
- *Convenient push rod for ejection of friction-held 1/16" diameter burs*
- *Complete system includes MaxAir Handpiece, Filter/Reg/Lubricator unit w/ Stand and Connectors, Foot Control w/ 8' L Hoses, Chuck Tool, Replacement Metal Chuck, and Oil.*

Item #	Description
01100	MaxAir Handpiece, Complete w/ Foot Control, Reg, Access.
01050	Handpiece only, MaxAir
01070	Turbine Head Cartridge Only for MaxAir

Note: MaxAir™ HP requires 60 - 80 psi and 2 CFM compressed air for optimum operation

MaxAir

Accessories

Durable Metal Chucks provides concentric performance and extended life. Reliable replacement parts for complimenting your existing system.

Item #	Description
01120	Metal Chuck Only For No. 220 and MaxAir Handpieces
01121	Standard Chuck Removal Tool for Metal Chuck
01125	Pro Removal Tool Set for 220 HP Metal Chuck
01122	Installation (Compression) Tool for Metal Chuck
01154	Metal Chuck for No. 8300 HP
01152	Chuck Removal Tool for No. 8300 HP
01156	Cartridge Only for No. 8300 HP
01103	Air Foot Control (w/ 8' Tubing) for Air Turbine Handpieces
01110	Regulator/Filter Unit
01112	Automatic Lubricator Unit
01115	Wall Bracket for Regulator/Filter Unit
01118-8	Flexible Air Tubing (gray, 1/8 " ID), 8 ft. Section
01119-8	Rigid Air Tubing (black, 3/16" ID), 8 ft. Section

Filter/Reg/Lubricator Unit

Air Foot Control

Supplies

Specially engineered light (low viscosity) oil for proper lubrication and extended life of turbine cartridges.

Item #	Description
01109	Turbine Oil, Low Viscosity, 1 Oz.
01127	Turbine Oil, Low Viscosity, 1 Quart

Turbine Oil

8) Handpieces (Lab Engines), Accessories and Supplies

No. 16 Laboratory Engine

The No. 16 Engine is a high-performance bench engine/belt-drive arm system that features a long history of dependable use. The unit provides high torque operation from a powerful, variable speed motor, and is designed with an attractive and durable polished-chrome surface. The No. 16 Engine is available in a complete system (with variable speed Foot Control, Triple-Section Arm and Belt included) that is ready for attachment to your handpiece.

- *1/5 HP, USA-built, 20,000 RPM motor generates extra-high torque performance and long life*
- *Two-step drive pulley allows lower or higher speed range operation (max 30,000 RPM at Handpiece)*
- *Permanently lubricated ball bearings promote quiet operation and minimize maintenance*
- *Convenient Forward/Reverse/Off switch on motor base for added convenience*
- *Sturdy base and ball bearing, triple-section arm deliver added stability and flexibility*
- *6 Amp solid-state Foot Control produces fully variable speed and smooth operation*

Item #	Description
36919	No.16 Engine w/ Solid State Rheostat, Regular Arm, 120V AC
36920	No.16 Engine w/ Solid State Rheostat, Bantam Arm, 120V AC
36937	No.16 Engine w/ Electronic Rheostat, Regular Arm, 220V AC
36939	No.16 Engine w/ Electronic Rheostat, Bantam Arm, 220V AC

No.16 Engine
(Handpiece Not Included)

36935B	No.16 Engine Motor & Base Only, 120 V AC
36934	No.16 Engine Motor & Base Only, 220 V AC

Engine Arms

Item #	Description
37140	Bantam Arm Only
37150	Regular Arm Only
37191	Compact Arm Only

Engine Belts and Pulleys

High speed engine belts are constructed from hard finished thread with cotton covering for extended life and quiet operation. Pulleys feature smooth running, ball-bearing design.

Item #	Description
05050	6'5" Engine Belt
05080	6'6" Bantam Arm Belt
05060	8'4" Compact Arm Belt
05070	9'8" Regular Arm Belt

Engine Belt

PULLEY1	Replacement Pulley, Large
PULLEY2	Replacement Pulley, Small

No. 101 Laboratory Handpiece

Our most popular, high quality lab handpiece designed to operate HP-sized instruments to 45,000 RPM without overheating.

- *Permanently sealed ball bearings promote quiet operation and never need lubrication*
- *Convenient push-type chuck is tightened from back via knurled handle*
- *True-running handpiece minimizes end play and generates smooth performance*

Item #	Description
49300	No. 101 Laboratory Handpiece

No. 101 Laboratory Handpiece

Labtex 45,000+ Laboratory Handpiece

A sturdy handpiece with triple ball bearings designed for medium-duty laboratory use with HP-sized instruments to 45,000 RPM.

- *Lightweight, slender unit is less fatiguing during prolonged use*
- *True-running handpiece creates quiet, smooth performance*
- *Two step pulley allows higher or lower speed operation*

Item #	Description
49445	Labtex Handpiece

Labtex 45,000 Handpiece

8) Handpieces (Lab Engines), Accessories and Supplies *(Continued)*

20M Doriot Laboratory Handpiece

An economical handpiece designed to operate HP-sized burs to 20,000 RPM.

- *Two step pulley allows higher or lower speed operation*

Item #	Description
49400	20M Doriot Handpiece

Warning: Handpiece must be used at speeds below 20,000 RPM to avoid damage

No. 20M Doriot Handpiece

Handpiece Accessories

Item #	Description
49440-9	Metal Chuck for No 101, Labtex and 20M Doriot Handpieces
88215	Lock Rod Assembly for No. 101 Handpiece

Carbon Brushes

Replacement brushes for efficient and long-life transfer of electricity to motor armatures.

Item #	Description
37220	No. 16 Brush w/ Spring, (Set of 2)
37202A	No. 15A Brush w/ Spring (2 Needed)
ECONBR	Compact Economy Engine Brush w/Spring (2 Needed)
37200	No. 18 Brush w/o Spring (2 Needed)
37202	No. 15 Brush w/ Spring (2 Needed)
37201	No. 18 Brush w/Spring (2 Needed)

Handpiece Cleaner & Lubricant

For quick, daily maintenance of belt driven handpieces.

- *Detergent Cleaner easily removes dirt and stains from handpiece surfaces (for external surfaces only)*
- *Medium weight Lubricant prolongs the life of handpiece bearings and gears*

Item #	Description
49700	Handpiece Cleaner, Pint
49730	Handpiece & Engine Arm Lubricant, Medium Viscosity, Pint

Handpiece Cleaner & Lubricant

Engine Rheostats

(Speed Controls) for Lab Engines

The Solid State Speed Control is the premium foot control for use with all AC Engines. The Solid State Control has a 6 Amp maximum rating to help avoid overload and burn out, and provides smooth, even performance during extended operation at low motor speeds. The control features a heavy cast metal housing and a non-skid rubber backing, and can also be floor mounted if needed.

The Electronic Rheostats provide a more economical choice when basic variable speed control is desired for belt driven engines.

Item #	Description
37450	Solid State Rheostat, 120 V AC, 6 Amp Max, Heavy Duty
37460	Solid State Rheostat, 220 V AC, 6 Amp Max, Heavy Duty
37470	Electronic Rheostat, 120 V AC, 6 Amp Max
37480	Electronic Rheostat, 220 V AC, 6 Amp Max

Engine Rheostat

9) Handpieces (Electric), Flex Shafts, and Accessories

X35 Electric Laboratory Handpiece System

The X35 Console and electric handpiece system is the highest torque, highest performance, top of the line carbon brush micromotor system in the Buffalo Dental product family. The lab-only system is designed for use with HP-sized instruments, generates fully variable speeds to 35,000 RPM, and offers smooth, powerful control via console or foot control. The X35 System represents a tremendous value from a company with decades of handpiece experience.

- *USA-built X35 Console offers heavy-duty power supply with convenient forward/reverse, hand/foot, and variable speed controls on the front panel. Updated power control electronics, dual fuses, and thermal protection circuitry offer improved performance and safety*
- *New console design allows the operation of either of two handpieces via dual connection sockets and new A/B Switch to save time and minimize handpiece component wear*
- *Standard Black Handpiece provides fully variable speeds to 35,000 RPM and a history of smooth, reliable, comfortable, and high-torque cutting performance (only one handpiece provided with basic X35 System)*
- *Excellent speed and torque control at both high and ultra-low speeds*
- *Heavy-duty, all-metal variable speed Foot Control included with the system at no extra charge*

X35 Standard Electric Handpiece System

Item #	Description
38000	X35 Standard System, 120 V AC (X35 Console, Std. Black Handpiece, Foot Control)
38020	X35 Standard System, 220 V AC (X35 Console, Std. Black Handpiece, Foot Control)

Ask about our X35 Duration Handpiece Systems

V35 Electric Laboratory Handpiece System

The V35 electric handpiece system features a no-frills, multi-speed control console teamed with our new Gray Handpiece. It represents a heavy-duty, maximum 35,000 RPM, lab-only handpiece system for use with HP-sized burs that offers high durability, high torque, and economical pricing

- *V35 Control Console offers reliable power, simplified electronics, and four user-selectable (speeds (14k, 22k, 27k, 35k RPM) to handle most cutting needs*
- *New, heavy-duty Gray Handpiece offers comfortable and reliable performance and smooth, powerful, high-torque cutting*
- *Excellent speed and torque control at both high and ultra-low speeds*
- *Optional Variable Speed AC Foot Control energizes the Console with variable AC power and allows a full range of variable cutting speeds between 0 – 35,000 RPM*

Item #	Description
37570	V35 Gray Electric Handpiece System, 120 V AC (V35 Console, Gray Electric Handpiece, Foot Control and Handpiece Rest)
37575	V35 Gray Electric Handpiece System, 220 V AC (V35 Console, Gray Electric Handpiece, Foot Control and Handpiece Rest)

V35 Electric Laboratory Handpiece System w/Optional Foot Control

Item #	Description
37580	V35 Gray Electric Handpiece System, 120 V AC (V35 Console, Gray Electric Handpiece and Handpiece Rest)
37585	V35 Gray Electric Handpiece System, 220 V AC (V35 Console, Gray Electric Handpiece)

Magic Wand™ Electric Laboratory Handpiece

A medium-torque, electric handpiece system with a Standard Handpiece that offers cutting speeds to 35,000 RPM and is operated by a Variable Speed Foot Control. The Magic Wand offers the convenience and benefits of an electric handpiece without all of the added extras of higher priced systems, and is perfect for medium duty and intermittent, lab-only trimming needs.

- *No-frills, durable, USA-built Control Console*
- *Standard Handpiece offers fully variable speeds to 35,000 RPM and a history of smooth, reliable and comfortable cutting performance*
- *Heavy-duty, all-metal variable speed AC Foot Control included with the system at no extra charge*

Item #	Description
38500	Magic Wand System, Silver, 120 V AC (M.W. Console, Std. Black HP, Foot Control)
38600	Magic Wand System, Silver, 220 V AC (M.W. Console, Std. Black HP, Foot Control)

Magic Wand Electric Micromotor Handpiece

9) Handpieces (Electric), Flex Shafts, and Accessories *(Continued)*

Electric Handpiece Accessories

Item #	Description
38025	Standard Black Electric Handpiece Only
37590	Gray Electric Handpiece Only
38060	Duration™ Modular Handpiece Only- Made in USA
38010	X35 Console (Control Box) Only, 120 V AC
38015	X35 Console (Control Box) Only, 220 V AC
37500	V35 Console (Control Box) Only, 120 V AC
37520	V35 Console (Control Box) Only, 220 V AC
38050	Foot Control Only for X35 System
37430	AC Foot Control for V35 System, 120 V AC
37430MW	AC Foot Control for Magic Wand Console, 120 V AC
38025LCG	Coiled Line Cord Only for Standard Black Handpiece
38025B	Carbon Brushes for Standard Black Handpiece and upgraded Duration Handpiece (Set of 2 w/ White Caps)
37590-37	Carbon Brushes for Gray Handpiece, Set of 2
38062	Carbon Brushes for Original Duration Handpiece (Set of 2 w/ Black Caps)

Duration Handpiece

38025C	3/32" HP Chuck for Standard Black Handpiece- Older Style- 7/8" Long
38025CN	3/32" HP Chuck for Standard Black Handpiece- Newer Style- 1 1/4" Long
37590-14	3/32" HP Chuck for Gray Handpiece
38061	3/32" HP Chuck for Duration Handpiece
38025-W	Multi-Wrench for Handpieces

Call for additional accessories and replacement parts

No. 150 Flex-Shaft Electric Hanging-Motor System

A polished-chrome, hanging-motor designed handpiece that features extremely high torque cutting power to 20,000 RPM. The space-saving No. 150 motor can be wall mounted so as to require no bench space, and can be the perfect lab-only motor for small offices and labs where counter space is unavailable.

- *1/5 HP Motor provides brute-force, smooth cutting power to 20,000 RPM*
- *Tough, flexible drive shaft is 37" long for improved maneuverability and features a quick-disconnect fitting*
- *System includes choice of variable speed Foot Controls*
- *System can be supplied with or without the durable FC330 Handpiece that features an exposed Jacobs-type chuck capable of holding instruments to 5/32" Diameter*

Item #	Description
37075	Chrome No. 150 Flex-Shaft w/ Electronic Rheo., 120 V AC
37076	Chrome No. 150 Flex-Shaft w/ Solid State Rheo., 120 V AC
37076HP	Chrome No. 150 Flex-Shaft w/ SS Rheo. & 330FC, 120 V AC
37075XR	Chrome No. 150 Flex-Shaft w/ No Rheo., 120 V AC
37091	Gray No. 150 Flex-Shaft w/Electronic Rheo., 120 V AC
37092	Gray No. Shaft w/ S State Rhe 120 V AC
37091XR	Gray No. Shaft w/ N 120 V AC
37095	Gray No.1 Shaft w/ E Rheo.,22
37096	Gray No. Shaft w/ S Rheo., 220 V AC

No. 150 Flex-Sl

Torq-Flex™ Electric Hanging-Motor System

A hanging-motor designed handpiece that features high torque cutting power to 16,000 RPM. The space-saving motor can be wall mounted so as to require no bench space, and can serve as an ideal motor for small offices and labs.

- *1/10 HP Motor provides high-torque cutting power to 16,000 RPM*
- *Tough, flexible drive shaft is 37" long for improved maneuverability and features a quick-disconnect fitting*
- *System includes a choice of variable speed Foot Controls*
- *System can be supplied with or without the durable FC330 Handpiece that features an exposed Jacobs-type chuck capable of holding instruments to 5/32" Diameter*

Item #	Description
37056C	Torq-Flex w/ Electronic Rheo., & 330FC HP, 120 V AC
37060C	Torq-Flex w/ Solid State Rheo., & 330FC HP, 120 V AC
37056	Torq-Flex w/ Electronic Rheo., 120 V AC
37060	Torq-Flex w/ Solid State Rheo., 120 V AC

Torq-Flex Flex-Shaft

9) Handpieces (Electric), Flex Shafts, and Accessories *(Continued)*

FC330 Handpiece

A heavy-duty handpiece designed for laboratory, jewelry, and industrial use.

- *Exposed, easy-access Jacobs-style chuck handles burs to 5/32" Diameter*
- *Comfortable handpiece with sealed ball bearings runs cool and concentric, and is easy to control*
- *Quick-disconnect feature allows snap-on/snap-off convenience with flex-shafts*

Item #	Description
49540	No. FC330 Handpiece

No. FC330 Handpiece

FC345 Handpiece

A heavy-duty handpiece designed primarily for industrial and woodworking applications.

- *Collet-style chuck handles 1/4" Diameter burs*
- *Comfortable handpiece with sealed ball bearings runs cool and concentric, and is easy to control*
- *Quick-disconnect feature allows snap-on/snap-off convenience with flex-shafts*

Item #	Description
49545	No. FC345 Handpiece

No. FC345 Handpiece

Hanging Motor Accessories

Item #	Description
37100	Flexible Drive Cable for Flex-Shaft
37110	Drive Cable Sheath for Flex-Shaft
37202	Carbon Brush w/ Spring for No. 150 and No. 15 (2 Needed)
37201	Carbon Brush w/ Spring for No. 140 and No. 18 (2 Needed)

10) Impression Materials, Accessories and Supplies

Green Flexible Mixing Bowls

Durable vinyl molded bowls in four convenient sizes for multiple mixing applications.

- *Larger sizes excellent for hand mixing alginate impression materials and plasters*
- *Smaller sizes popular for mixing smaller quantity materials with smaller spatulas*
- *Most popular large bowl provides ideal size for hand mixing with No. 11R flexible blade spatula*
- *Easy clean-up- just flex the bowl and peel out the set materials*

Item #	Description
05790	Small Mixing Bowl (3 3/4" OD, 150 cc Capacity)
05800	Medium Mixing Bowl (4 1/2" OD, 350 cc Capacity)
05810	Large Mixing Bowl (5" OD, 600 cc Capacity)
05820	Extra Large Mixing Bowl (5 1/4" OD, 850 cc Capacity)

Green Flexible Mixing Bowls

Spatulas- See Section 11- Instruments

11) Instruments (Including Knives, Spatulas and Amalgam Carriers)

Millennium™ Lever Type Amalgam Carriers

The easy-cleaning amalgam carrier with quick-release ends that simplifies cleaning and saves time.

- *Quick disassembly/assembly push-button release heads promote easier handling and cleaning*
- *Easy head removal procedure:*
  1) Push and hold in the Release Button
  2) Push down gently on the plunger rod assembly until it clears the flat spring
  3) Pull 3-piece head assembly straight out until removed
- *Stainless steel construction resists corrosion and improves durability*
- *Classic double-ended, lever-type design for versatility and convenience*

Item #	Description
26810	Millennium Size 34 w/ Nylon Tips
26811	Millennium Size 34 w/ Steel Tips
26810-3N	Millennium Replacement Head Assembly, “3” Side, Nylon Tip
26810-4N	Millennium Replacement Head Assembly “4” Side, Nylon Tip

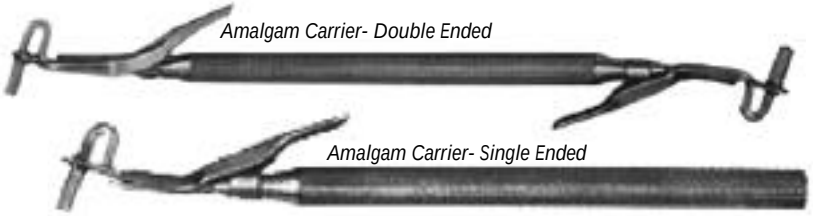
Millennium Lever Type Amalgam Carrier

26811-3S	Millennium Replacement Head Assembly “3” Side, Steel Tip
26811-4S	Millennium Replacement Head Assembly “4” Side, Steel Tip

Standard Lever-Type Amalgam Carriers

Light weight, precision-made carriers feature classic design and smooth operation.

- *Stainless steel construction resists corrosion and improves durability*
- *Simple disassembly and cleaning by removing small screw on head*
- *Convenient single and double-ended styles available with steel or nylon tips*
- *Full supply of replacement parts available to simplify maintenance needs*



Amalgam Carrier- Double Ended

Amalgam Carrier- Single Ended

Amalgam Carriers- Double Ended

Item #	Description
26901	No. 33 Regular/ Regular, Nylon Tips
26880	No. 34 Regular/ Large, Nylon Tips
26890	No. 35 Regular/ Jumbo, Nylon Tips
26902	No. 44 Large/ Large, Nylon Tips
26903	No. 45 Large/ Jumbo, Nylon Tips
26900	No. 55 Jumbo/ Jumbo, Nylon Tips
27081	No. 33 Regular/ Regular, Steel Tips
27050	No. 34 Regular/ Large, Steel Tips
27060	No. 35 Regular/ Jumbo, Steel Tips
27082	No. 44 Large/ Large, Steel Tips
27083	No. 45 Large/ Jumbo, Steel Tips
27080	No. 55 Jumbo/ Jumbo, Steel Tips

Amalgam Carriers- Single Ended

Item #	Description
26850	No. 3 Regular, Nylon Tip
26860	No. 4 Large, Nylon Tip
26870	No. 5 Jumbo, Nylon Tip
27020	No. 3 Regular, Steel Tip
27030	No. 4 Large, Steel Tip
27040	No. 5 Jumbo, Steel Tip

Plunger-Type Amalgam Carriers

Durable plunger-style carriers are easy to use and maintain.

- *Stainless steel interior/chrome plated exterior construction for improved performance*
- *Convenient combinations of tip sizes and types available*

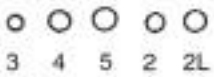
Amalgam Carrier- Plunger Type

Item #	Description
26830	No. 2 Regular, Nylon Tip
26840	No. 2L Large, Nylon Tip
27000	No. 2 Regular, Steel Tip
27010	No. 2L Large, Steel Tip

Amalgam Carrier Tips

A full range of steel and nylon tips in multiple sizes to support easy, do-it-yourself maintenance of Buffalo Dental amalgam carriers.

Item #	Description
27180	No. 2 Regular, Nylon Tip
27190	No. 2L Large, Nylon Tip
27200	No. 3 Regular, Nylon Tip
27210	No. 4 Large, Nylon Tip
27220	No. 5 Jumbo, Nylon Tip
27270	No. 2 Regular, Steel Tip
27280	No. 2L Large, Steel Tip



Amalgam Carrier Tips

27290	No. 3 Regular, Steel Tip
27300	No. 4 Large, Steel Tip
27310	No. 5 Jumbo, Steel Tip

11) Instruments (Including Knives, Spatulas & Amalgam Carriers) *(Continued)*

Amalgam Packer Kit

Helps produce denser, easier to polish, tarnish-resistant amalgam fillings with less setting expansion and higher early strength.

- *Kit includes vibrating handpiece and the entire set of 14 packing points*

Amalgam Packer Kit

Item #	Description
01300	Amalgam Packer Kit Complete w/ Angle & Points
01470	Amalgam Packer Angle Only
01310	No. 1 Point Only
01320	No. 2 Point Only
01330	No. 3 Point Only
01340	No. 4 Point Only
01350	No. 5 Point Only
01360	No. 6 Point Only
01370	No. 7 Point Only
01380	No. 8 Point Only
01390	No. 9 Point Only
01400	No. 10 Point Only
01410	No. 11 Point Only
01420	No. 12 Point Only
01430	No. 13 Point Only
01440	No. 14 Point Only

Band Remover

Precision stainless steel instrument for easing band removal tasks.

Item #	Description
74300	Baade Style Band Remover

Band Remover

Carvers

A variety of high quality instruments for precision carving applications.

Item #	Description
27503	Akers Spoon Only
27550	Hollenback No. 1/2 Carver
27560	Hollenback No. 3 Carver
27571	Le Cron Carver (Porcelain)
27581	Roach Carver
27590	Vehe Carver (Porcelain)
27600	Ward No. 1 Carver
27610	Ward No. 2 Carver

Chisels

Sharp, precision hand chisels for accurate trimming use.

- *Pearson-style chisels feature enlarged wooden handles and curved blades for improved comfort and performance*
- *Vulcanite-style chisels provide straight wooden handles and straight steel blades for improved accuracy*

Item #	Description
30000	Pearson No. 16 Chisel
30010	Pearson No. 17 Chisel
30020	Pearson No. 18 Chisel
30030	Vulcanite No. 20 Chisel
30040	Vulcanite No. 21 Chisel
30050	Vulcanite No. 22 Chisel

11) Instruments (Including Knives, Spatulas & Amalgam Carriers) *(Continued)*

Forceps

Kwik-Stand™ Hemostats provide convenient stand for supporting fragile work above bench top.

Standard Hemostat and Miller-Type designs for most handling and position needs.

Item #	Description
44620	Kwik-Stand Hemostat, Large
44630	Kwik-Stand Hemostat, Small
44600	Kelly, Straight
44605	Kelly, Curved
44610	Mosquito, Straight
44615	Mosquito, Curved
44550	Miller Articulating Paper Forceps, Regular
44560	Miller Articulating Paper Forceps, High Tension

Knives- Buffalo Knives

World-renowned quality and durability, used for generations by Technicians and Dentists.

- *High quality carbon steel blades provide extra-sharp edges and reliable cutting*
- *Rosewood handled "R" knives feature solid double-rivet construction and provide years of durable performance*
- *"Green Line" knives utilize ergonomic enameled wooden handles for comfortable grip*
- *No. 6A and 7A Autoclavable knives feature tough plastic handles and stain-resistant blades for sterilization durability*
- *Bench knife features 1 3/4" long hardened tool steel blade and black lacquered, flat-sided handle*

#3 #4 #6 #7 #8 #6R #7R #12 #6A #7A Bench Knife

Item #	Description
55500	No. 3 Knife w/ Green Line Handle, 2 3/8” Blade for Plaster
55530	No. 4 Knife w/ Green Line Handle, 2 1/8” Blade for Plaster
55560	No. 6 Knife w/ Green Line Handle, 1 1/2” Blade for Plaster
55590	No. 7 Knife w/ Green Line Handle, 1 1/2” Blade for Compound & Wax
55630	No. 8 Knife w/ Green Line Handle, 2” Blade for Plaster

Item #	Description
55570	No. 6R Knife w/ Rosewood Handle, 1 1/2” Blade for Plaster
55600	No. 7R Knife w/ Rosewood Handle, 1 1/2” Blade for Light Plaster & Compound
55700	No. 12 Knife w/ Rosewood Handle, 1 3/4” x 3/4” Full Tang, Triple Riveted Blade, Butt End for Flasks
55450	6R & 7R Knives, Set of 2

Item #	Description
65570	No. 6A Autoclavable Knife w/ White Handle, 1 1/2” Blade
65600	No. 7A Autoclavable Knife w/ White Handle, 1 1/2” Blade
29-598	Bench Knife

11) Instruments (Including Knives, Spatulas & Amalgam Carriers) *(Continued)*

Mallets

A variety of convenient and durable mallets for laboratory tapping applications.

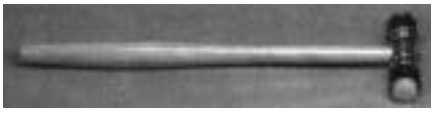
- *Brass mallets feature brass heads and tapered wood handles for use with soft metals (3 oz. and 4 oz. models excellent for light tapping needs)*
- *Copper mallet ideal for deflasking and features a 3/4" wide x 2 3/4" long head attached to a 9 3/4" long tapered-wood handle (7.5 oz. weight)*
- *No. 15 plugging mallet features leather and fiber facings on chrome plated brass head, a polished walnut handle, and 7" length*
- *Light tapping mallets offer economy and versatility with hardwood handles and interchangeable facings (wrench incl.)*
- *Light tapping mallets excellent for use on crown and bridge and gold foil cases, and will not mar most surfaces*

Item #	Description
60230	No. 15 Plugging Mallet
60230-2	Leather Tip (Facing) for No. 15 Plugging Mallet
26-491	3 Oz. Brass Head Mallet
26-491A	4 Oz. Brass Head Mallet
26-495	11 Oz. Brass Head Mallet
26-498	24 Oz. Brass Head Mallet
26-496	Copper Head Mallet
Mallets- Light Tapping Mallets	
26-492	Brass/ Fiber, 3 1/2 Oz. Mallet
26-492N	Brass/ Nylon, 3 1/2 Oz. Mallet
26-493	Brass/ Fiber, 5 1/2 Oz. Mallet
26-493N	Brass/ Nylon, 5 1/2 Oz. Mallet

Kwik #15 Plugging Mallet

Brass Mallet

Copper Mallet



Light Tapping Mallet

Miniature Screwdriver Set

High quality, straight blade precision screwdrivers with hardened tool steel blades and swivel-handle-heads.

- *Durable, non-brittle, nickel-plated blades secured in screw chucks for firm, true holding and easy replacement*
- *Handle-heads are hex-shaped to prevent rolling on bench but swivel to prevent binding in palm*
- *Set includes 6 screwdrivers (.025" - .100" blade size range) and plastic snap pouch*

Item #	Description
41-068	Set of 6 Miniature Screwdrivers

Miniature Screwdriver Set

Miniature Wrench Set

High quality, miniature open-end wrench set for precision assembly applications.

- *Durable wrenches feature black-oxide finished heads attached to aluminum handles (4 1/2" length)*
- *Set includes 6 open-end wrenches (3/32", 1/8", 5/32", 3/16", 1/4", and 5/16" sizes)*

Item #	Description
41-560	Set of 6 Miniature Wrenches

Miniature Wrench Set

Nippers

Durable, heavy duty instruments for heavy nipping, cutting and trimming applications.

Item #	Description
63500	No. 177E, Diagonal Cutting
63600	Plaster, Carbon Steel
63610	Plaster, Stainless Steel
63620	Spring for Plaster Nipper

Diagonal Cutting Nipper

Plaster Nipper

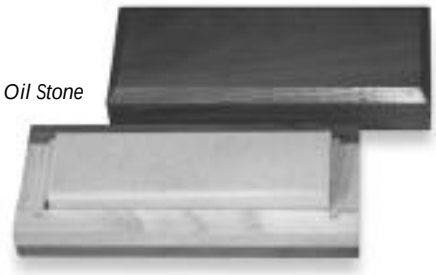
11) Instruments (Including Knives, Spatulas & Amalgam Carriers) *(Continued)*

Oil Stone

Fine grade Arkansas-style stone excellent for instrument sharpening applications.

- *Large 3 1/2" long x 1" wide stone in attractive wooden case for convenient handling and use*

Item #	Description
65500	Arkansas Oil Stone, 3 1/2” x 1”



Oil Stone

Picks- Soldering Pik

Perfect non-stick instrument for moving and positioning hot solder.

- *Non-stick heat-treated stainless steel tip will not adhere to solder*
- *Pik features comfortable wooden handle and 7" length*

Item #	Description
21-457	Soldering Pik

Soldering Pik

Pin Vises

High quality pin vises for precision handling and turning of small tools and wires.

- *Mini pin vise has 3-slot jaws and 1 7/8" length*
- *Standard pin vises feature durable tool steel collets, screw chucks, and hollow handles for holding long wires*
- *Standard vises utilize knurled bodies for easy rotation with fingers, and smooth ends for use in lathes*

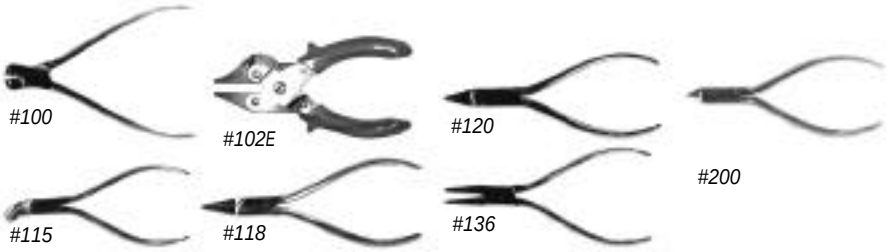
Item #	Description
48-100	Mini Pin Vise
48-211A	.000” - .040” Pin Vise
48-211B	.025” - .062” Pin Vise
48-211C	.045” - .125” Pin Vise
48-211D	.110” - .187” Pin Vise

Pin Vises

Pliers

Durable, economical pliers for a variety of bending, crimping, and cutting applications.

Item #	Description
71030	No. 100 Lingual Bar Bending
71070	No. 102E Bernard Cutting
71160	No. 115 Reynolds Contouring
71180	No. 118 Peeso Collar
71190	No. 120 Robinson Collar
71290	No. 136 Goslee Contouring
71310	No. 137 Gordon Contouring
71390	No. 200 Clasp Bending



#100 *#102E* *#120* *#200* *#115* *#118* *#136*

Pliers- Cotton and Dressing

Stainless steel, tweezer-type instruments for precision holding applications.

Item #	Description
70801	College ”C” Serrated
70811	College “C” Smooth
70900	No. 49 Serrated
70910	No. 49 Smooth

College “C”

#49

11) Instruments (Including Knives, Spatulas & Amalgam Carriers) *(Continued)*

Scrapers- Kingsley Style

Precision instruments with wooden handles and curved, spoon-style ends.

Item #	Description
77400	No. 1 Kingsley Scraper
77410	No. 2 Kingsley Scraper
77420	No. 3 Kingsley Scraper
77430	No. 4 Kingsley Scraper
77440	No. 5 Kingsley Scraper
77450	No. 6 Kingsley Scraper

Scribers

Durable scribing instruments for permanent marking of trays, articulators and models.

- *Hardened tips easily penetrate hard metals and promote long working life*
- *Comfortable, slim design instruments feature 5 1/4" length with hexagonal handles to prevent rolling*

Scriber

Item #	Description
21-456	Carbide Tip
21-460	Diamond Tip

Shears

Heavy duty scissor-style instruments for multiple cutting and trimming applications.

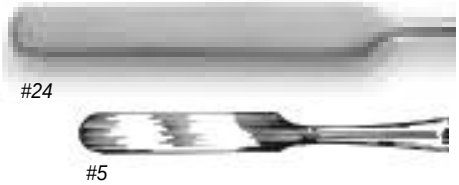
- *No. 61 plate shears excellent for trimming vacuum forming materials*

Item #	Description
78250	No. 55 Plate Shears
78270	No. 61 Plate Shears
78300	No. 64 Crown & Collar Curved Shears
78320	No. 64A Crown & Collar Straight Shears

Spatulas- Cement Spatulas

High quality, all metal small spatulas with non-stick surfaces for convenient and accurate mixing of cements.

Item Description
79210 No. 5 Cement Spatula
79221 No. 24 Cement Spatula



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#5

11) Instruments (Including Knives, Spatulas & Amalgam Carriers) *(Continued)*

Spatulas- Buffalo Dental

World-renowned quality and durability, used for generations by Technicians and Dentists.

- *Finest quality stainless steel blades for superior mixing and handling*
- *Rosewood handled "R" spatulas feature solid, double-riveted construction for years of durable performance*

Item #	Description
79340	No. 2R Spatula, 4” Flexible Blade for Plaster & Impression Material
79350	No. 3R Spatula, 4” Stiff Blade for Stone & Plaster
79360	No. 4R Spatula, 4 1/2” Rigid Blade for Stone & Plaster
79390	No. 8R Spatula, 4” Stiff Blade for Stone & Plaster
79410	No. 10R Spatula, 4 1/4” X-Stiff Blade for Stone & Plaster
79420	No. 11R Spatula, 3 1/2” Flexible Blade for Alginates, Stone & Plaster
79440	No. 14R Spatula, 4 1/4” Rigid Blade for Impression Material
79450	No. 15R Spatula, 6” Rigid Blade for Impression Material
79500	No. 16R Spatula, 3 1/2” X-Stiff Blade for Alginates, Stone & Plaster
79480	No. 11A Autoclavable Spatula w/ Resin Handle

NEW!

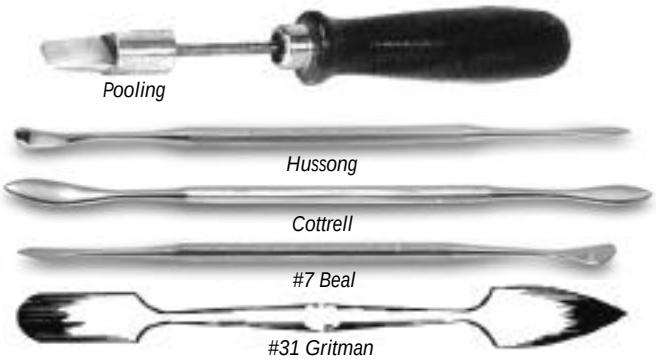
No. 2R No. 3R No. 4R No. 8R No. 10R No. 11R No. 14R No. 15R No. 16R No. 11A

Spatulas- Wax

A range of double-ended spatulas for use in various waxing applications.

- *Pooling Spatula is for softening wax bite rims and features a solid copper head, a "Green Line" enameled wooden handle, and a 7" length*

Item #	Description
79540	Pooling
79601	Cottrell, 7 1/2”
79620	Hussong, 6 1/2”
79641	No. 7 Beal, 6”
79661	No. 31 Gritman, 8”



Tweezers

High quality, economical instruments for precise part holding and positioning tasks.

Item #	Description
83500	Insulated Straight Tweezer, 6 1/2”
83505	Insulated Curved Tweezer, 6 1/2”
83660	No. 53A Tweezer w/slide lock, 4 3/4”
83601	AA Tweezer, 4 1/2”
83720	#175 Straight Tweezer, “O”Type, 6 1/2”
83740	#175A Curved Tweezer, “L” Type, 6 1/2”

12) Laboratory Products (Miscellaneous) and Supplies

Adhesive- Permabond™ 910

Cyanoacrylate adhesive used for cementation of pins, repair of models and dies, and for positioning work prior to soldering.

- *Ready to use and requires no catalyst*
- *Extremely high bonding strength*
- *Can also be used for sealing/hardening dies*

Item #	Description
00671	Adhesive Permabond 910 Cyanoacrylate, 3 Gm. Tube
00680	Adhesive Permabond 910 Cyanoacrylate, 1 Oz. Bottle

Articulators

Economical articulators for denture and crown & bridge applications.

- *Plain line aluminum articulator for general denture model use*
- *Disposable plastic articulators ideal for crown & bridge model work and presentation*

Item #	Description
03320	Plain Line Aluminum Articulator
03340	Plastic C&B Articulators, Pkg. of 50
03350	Plastic C&B Articulators, Bulk Pkg. of 1040

Green Flexible Mixing Bowls - See Section 10, Impression Materials, Pg. 27

Brushes- Red Sable Paint Brushes

Precision brushes with solid handles in several popular sizes.

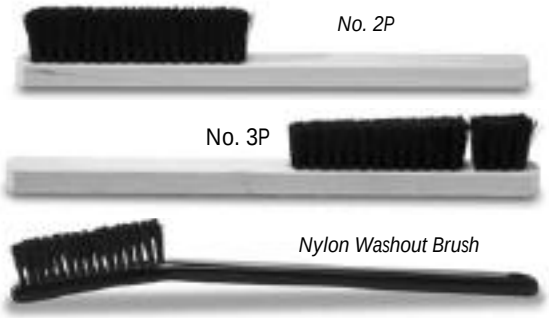
Item #	Description
06450	No. 000, Red Sable Brush
06452	No. 00, Red Sable Brush
06454	No. 0, Red Sable Brush
06456	No. 1, Red Sable Brush
06458	No. 2, Red Sable Brush
06460	No. 3, Red Sable Brush
06462	No. 4, Red Sable Brush
06464	No. 5, Red Sable Brush
06466	No. 6, Red Sable Brush
06468	No. 7, Red Sable Brush

Brushes- Scouring Brushes

Versatile cleaning brushes for scouring and washout applications.

- *No. 2P scouring brushes features two rows of stiff black bristles (3 1/2" x 3/4",) a rounded-edge wooden handle, and 8" length*
- *No. 3P scouring brushes features four rows of stiff black bristles (3 1/2" long,) a rounded-edge wooden handle, and 8" length*
- *Nylon washout brush features four rows of black nylon bristles (1 7/8" x 1/2",) an angled black nylon handle, and 6 1/2" length*

Item #	Description
07010	Scouring Brush, No. 2P
07020	Scouring Brush, No. 3P
07000	Nylon Washout Brush

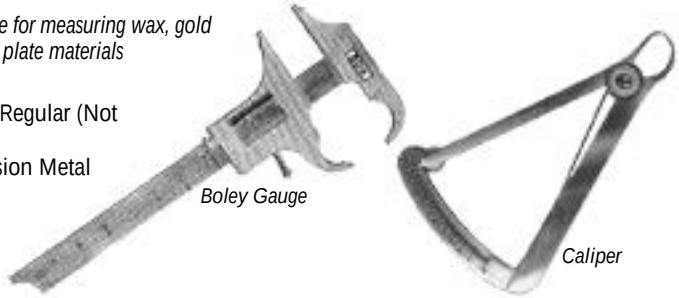


Calipers and Gauges

Accurate measuring instruments for general laboratory applications.

- *Calipers feature measurement capacity from 1/10 mm to 10 mm*
- *Precision Caliper excellent for measuring cast alloy surfaces and gold and porcelain crowns*
- *Wax Caliper applicable for measuring wax, gold plate, tin foil and base plate materials*

Item #	Description
45800	Boley Gauge, Regular (Not Orthodontic)
25000	Caliper, Precision Metal
25010	Caliper, Wax



12) Laboratory Products (Miscellaneous) and Supplies *(Continued)*

Denture Bags

Strong, clear plastic bags for storing and handling of dentures.

- *Extra-tough, heavy weight, heat-seal capable plastic resists tearing*
- *Large 5" x 6" size provides additional capacity*
- *Economical roll of 500 bags*

Item #	Description
04010	Denture Bags, Roll of 500

Denture Bags

Dowel Pins

Brass dowel pins in two sizes for general model pinning applications.

- *Regular size ideal for anterior applications*
- *Large size best for posterior applications*
- *Economical packages of 100 and 1000*

Item #	Description
34600	Dowel Pins, Regular, Box of 100
34601	Dowel Pins, Regular, Box of 1000
34610	Dowel Pins, Large, Box of 100
34611	Dowel Pins, Large, Box of 1000

Dowel Pins

Eye Wash Unit

Faucet conversion unit features a single stream that rotates down for general use and up for a convenient additional eye wash station.

Item #	Description
07500	Eye Wash Unit

Eye Wash Unit

Flasks, Compresses and Accessories

A set of sturdy denture flasks and a spring compress for general denture applications.

- *No. 31 Ejector Flask constructed of hard bronze forgings with smooth interior and exterior surfaces (size 3 1/8" x 3 7/8" x 1 15/16")*
- *Upper Denture Flask features forged bronze construction, stainless steel guide pins, smooth surfaces, and a 5/8" deep bottom section*
- *Lower Denture Flask features forged bronze construction, stainless steel guide pins, smooth surfaces, and a 5/8" deep front (1 1/8" deep at rear) bottom section*

- *Spring Compress features heavy duty manganese bronze castings, heavy top and bottom pressure plates, utilizes replaceable stainless steel springs and has extra capacity to hold two flasks.*

Item #	Description
43900	No. 31 Ejector Flask
43950	Upper Denture Flask
43960	Lower Denture Flask
31310	No. 2 Spring Compress (Includes Handle and Wrench)
31310-4	Handle Only for Compress
31310-W	Wrench Only for Compress
31320	Spring Only for Compress

No. 2 Compress

Flask, No. 31

Jig- Reline Jig

Chrome 2-post jig for accurate reline applications.

- *Posts feature tapered tops to aid in upper plate alignment*
- *Size 5 1/2" W x 2 3/4" D x 3 3/4" H*

Item #	Description
03400	Reline Jig

Reline Jig

12) Laboratory Products (Miscellaneous) and Supplies *(Continued)*

Microwaveable Flask

Durable flask for use during microwave curing procedures for MOLLOPLAST-B® soft reline material and other microwave-cured denture materials.

- *Machined from high-impact composite plastic blocks for added strength and durability*
- *3-piece flask breaks down easily for convenient loading and uses a 4-bolt fastening system for powerful closure*
- *Large size (5 1/2" W x 4" D x 3 1/2" H) excellent for handling large cases*
- *Dual vent holes and solid "knock-out" plug provide safety and convenience*

Item #	Description
43800	Microwaveable Flask for MOLLOPLAST-B
43800-3	Replacement Single Bolt/Nut Combo for Microwaveable Flask

Microwaveable Flask

SwissJet™ Flask

A dual chamber flask that packs high pressure injection capability and accuracy into a compact, self-contained system.

- *Unit features an injection piston positioned on top of a lower injection chamber, connected by a unique pressure containment system*
- *Swiss manufacturing for precision and accuracy*
- *Economical system priced thousands less than other injection systems of comparable performance*
- *Requires hydraulic press (not included)*
- *5 1/2" W x 5 1/2" D x 3 1/2" H*

Item #	Description
43700	SwissJet Flask Complete

SwissJet Flask

Foil Cote Liquid Separator

A stable, ready to use pink alginate protective coating and separator.

- *Creates a tough and efficient tin foil substitute*
- *Resists dislodging during trial packing*

Item #	Description
44310	Foil Cote, 1 Qt. Container
44320	Foil Cote, 1 Gal. Container

Foil Cote

Foil, Tin Foil – *See "Tin Foil" Later in this Section*

Gingival Mask- Esthetic-Mask® Gingival Modeling Material

Specially developed cold-curing A-Silicone material for the natural reproduction of gingiva on dental models.

- *Accurate material reproduces periodontal situation in detail allowing optimal design of prosthesis*
- *Excellent for use with implant cases and for accurate natural color reproduction during veneering*
- *High elasticity and tensile strength allow repeated removal and repositioning of mask as desired*
- *1:1 ratio base and catalyst materials promote fast and easy mixing*
- *Attractive pink color provides highly esthetic tissue reproduction*
- *Intro kit includes 50 ml Base, 50 ml Catalyst, 15 ml Silicone Separator, and two Disposable Syringes*

Item #	Description
45000	Esthetic-Mask Intro Kit

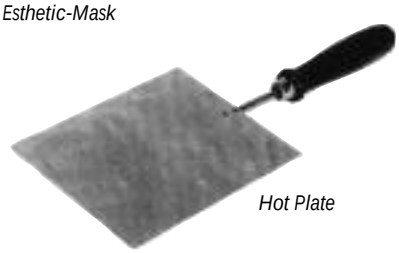
Esthetic-Mask

Hot Plates

Ideal for trimming large wax surfaces.

- *Plates constructed of 1/16" thick sheet aluminum for strength and thermal conductivity*
- *"Green line" enameled wooden handles for comfortable grip and added insulation*

Item #	Description
51950	Hot Plate, Regular, 4 1/2" x 5" Aluminum w/ Green Line Handle
51960	Hot Plate, UNC Special, 3" x 4" Aluminum w/ Wooden Handle


Hot Plate

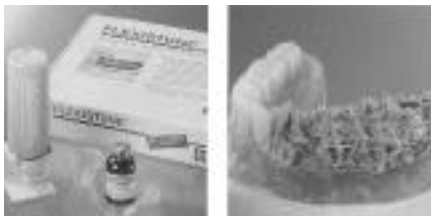
12) Laboratory Products (Miscellaneous) and Supplies *(Continued)*

Insulating Materials- Flexistone® and Flexistone® plus

Thermal resistant silicone insulating materials that are ideal for protecting teeth and preventing distortion during denture processing.

- *Materials mix easily and set hard to protect teeth, but peel cleanly after case completion*
- *Easy application in one single procedure to acrylic teeth and wax to form a thin, hard insulating layer*
- *C-Silicone based original Flexistone sets to high final hardness (75 Shore A) and requires no bonding crystals*
- *Low viscosity A-Silicone based Flexistone plus flows exceptionally well and sets to high (75 Shore A) hardness*
- *Flexistone kit includes 190 ml. Base, 30 ml. Catalyst, and a Mixing Cup*
- *Flexistone plus kit includes 160 ml. Base, 160 ml. Catalyst, two Plastic Bottle Stands, and one Measuring Bowl*

Item #	Description
44175	FLEXISTONE Rigid Insulating Material, Kit, C-Silicone Based
44176	FLEXISTONE plus Rigid Insulating Material, Kit, A-Silicone Based



Flexistone®

Flexistone® plus

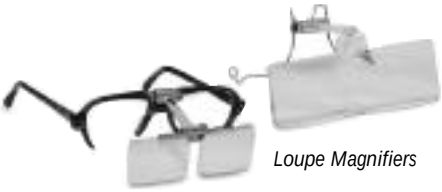
Magnifiers with Flip-Up Lenses

Economical stereo-view magnifiers that enlarge critical work details and help improve accuracy.

- *Zoom scope binocular magnifiers can be worn with eyeglasses and feature a padded leather headband and plastic tilt lenses for improved viewing convergence*
- *Flip-up telesight magnifiers weigh only one ounce and are available in clip-on and half-frame styles*
- *Loupe magnifiers with plastic frames flip up for added convenience and are available in clip-on and half-frame styles*

Item #	Description	Style	Power	Distance
59710	No. 3 Binocular, Zoom Scope	With Headband	1-3/4X	-
59730	No. 5 Binocular, Zoom Scope	With Headband	2-1/4X	-
60000	No. 20C Loupe Clip-On	Clip onto Your Glasses	1-1/2X	20”
60010	No. 14C Loupe Clip-On	Clip onto Your Glasses	1-3/4X	14”
60020	No. 8C Loupe Clip-On	Clip onto Your Glasses	2-1/4X	8”
60030	No. 6C Loupe Clip-On	Clip onto Your Glasses	2-3/4X	6”
60040	No. 20HF Loupe Half-Frame	Glasses Frame Included	1-1/2X	20”
60050	No. 14HF Loupe Half-Frame	Glasses Frame Included	1-3/4X	14”
60060	No. 8HF Loupe Half-Frame	Glasses Frame Included	2-1/4X	8”
60070	No. 6HF Loupe Half-Frame	Glasses Frame Included	2-3/4X	6”
59810	No. 23 Telesight Clip-On	Clip onto Your Glasses	1-3/4X	11” - 14”
59820	No. 24 Telesight Clip-On	Clip onto Your Glasses	2X	9” - 11”
59830	No. 25 Telesight Clip-On	Clip onto Your Glasses	2-1/4X	7” - 9”
59840	No. 26 Telesight Clip-On	Clip onto Your Glasses	2-1/2X	5” - 7”
59870	No. 28 Telesight Clip-On	Clip onto Your Glasses	3X	4” - 5”
59910	No. 43 Telesight Half-Frame	Glasses Frame Included	1-3/4X	11” - 14”
59920	No. 44 Telesight Half-Frame	Glasses Frame Included	2X	9” - 11”
59930	No. 45 Telesight Half-Frame	Glasses Frame Included	2-1/4X	7” - 9”
59940	No. 46 Telesight Half-Frame	Glasses Frame Included	2-1/2X	5” - 7”
59960	No. 48 Telesight Half-Frame	Glasses Frame Included	3X	4” - 5”

Zoom Scope Binocular



Loupe Magnifiers

Telesight Magnifier

Model Hardening

Stalite™ Special Solution

Use instead of water with gypsum to create models and dies that are consistently harder, stronger, smoother and more abrasion resistant.

- *Creates harder models with more flexural strength to resist breaking, chipping and abrasion*
- *Saves time by promoting consistent, thin mixes with less bubble formation*
- *Smoother final surfaces help improve accuracy*
- *Can be used with all gypsums and features a freeze-stable formula*
- *No significant setting expansion*

Item #	Description
80151	Stalite, 1 Gal. Container

Stalite

12) Laboratory Products (Miscellaneous) and Supplies *(Continued)*

Saw Frames and Blades

Precision "unpinned-style" saw blades and frames for laboratory and jewelry separating applications.

- *No. 50 Saw Frame features 2 1/2" depth and adjustable tension via thumbscrew*
- *Jeweler's Saw Frame features 5" depth and serrated clamps to hold the blade in place (tension adjustable via large wing nuts)*
- *Flat Blades are 5" L and ascend in thickness from .010" (No. 000) to .014" (No. 3)*
- *Spiral (twisted) blades are 5" L and ascend in thickness from .029" (No. 3) to .033" (No. 5)*

Item #	Description
76630	No. 50 Saw Frame
40-395	K & D Saw Frame
76500	No. 000 Flat Blades, 57 TPI, Pkg. of 12
76510	No. 00 Flat Blades, 53 TPI, Pkg. of 12
76520	No. 0 Flat Blades, 51 TPI, Pkg. of 12
76530	No. 1 Flat Blades, 47 TPI,Pkg. of 12
76540	No. 2 Flat Blades, 44 TPI, Pkg. of 12
76550	No. 3 Flat Blades, 40 TPI, Pkg. of 12

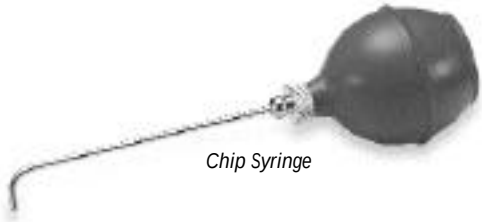
No. 50 Saw Frame

Item #	Description
76560	No. 3 Spiral Blades, Pkg. of 12
76580	No. 4 Spiral Blades, Pkg. of 12
76570	No. 5 Spiral Blades, Pkg. of 12

Syringe- Chip Syringe

Versatile syringe with chrome point and red bulb ideal for blowing chips and debris away from work.

Item #	Description
80910	Chip Syringe w/ Red Bulb
80930	Red Bulb Only
80940	Chrome Point Only



Chip Syringe

Sprue Former

Durable instrument features two-piece brass construction and is 2" long with a 9/16" diameter top

Item #	Description
17-070	Sprue Former

Sprue Former

Tin Foil

Thin, soft tin foil rolls in 6" widths and 1 lb. quantities. Foil avoids rebounding for accurate spacing on models, dies, and miscellaneous applications.

Item #	Description
82200	Tin Foil, .001", 1 lb.
82210	Tin Foil, .002", 1 lb.
82220	Tin Foil, .003", 1 lb.

Tin Foil

Wax Remover- *See Section 20- Waxing Units, Waxes and Supplies*

Work Positioners "Third Hands"

Precision devices allow accurate positioning of delicate work for improved accuracy and productivity.

- *Third Hand with Tweezer has cross-locking 6 1/2" long tweezers on non-tipping, swivel base and is ideal for positioning pieces to be soldered*
- *Third Hand with Clamp features a strong alligator clamp on a rod that swivels above a non-tipping base*
- *Third Hand with Double Clamp features two alligator clips on a 5 1/2" long crossbar above a non-tipping, swivel base and leaves both hands free for added convenience*

Item #	Description
42-404	Third Hand w/ Tweezer
42-405	Third Hand w/ Double Clamp
42-406	Third Hand w/ Clamp

Clamps

Tweezer

13) Lathes and Accessories

Buffalo Dental Lathe-
Fully Enclosed Sanitary Lathe

A fully enclosed polishing lathe that contains grinding dust within a lighted, compact work cabinet.

- *Multiple, rubber-shielded hand entry ports and clear viewing window for improved access and vision*
- *Easily attaches to dust collector via 1 1/2" OD port on back of cabinet*
- *Simplified design features one-button operation to start lathe and illuminate cabinet*
- *Powerful, 1/2 HP, 3450 RPM motor with durable belt drive operates commercial-grade spindle for maximum torque*
- *Medium size (17" W x 12" D x 12" H, 55 lbs.) keeps unit compact but provides adequate internal working space*
- *Unit comes complete with dual tapered spindles and removable dustpans*

Item #	Description
58300	Sanitary Lathe Complete w/Dual Tapered Spindles, 120 V AC
58301	Sanitary Lathe Complete w/Dual Tapered Spindles, 220 V AC

Sanitary Lathe

58302	Sanitary Lathe Complete w/Dual Tapered Spindles, 220 V AC, 50 Hz
58300/RJ	Optional Jacobs Chuck, Right Hand Side Only, 0-3/16" Capacity

Lathe Abrasives, Buffs, Brushes and Polishes- *See Section 1, Abrasives*

Burley Arbors

Easy-opening arbor style used with 3/4" diameter emery cloth bands to dress down dentures.

- *Simple band tightening adjustment by turning the knurled nut in the middle of the arbor to expand or contract the rubber head*
- *Modified Morse taper mount designed to fit standard dental lathes*

Item #	Description
02630	Burley Arbor, Knurled Nut Tightening, Right Side Mount

Burley-Arbor

02640	Burlery Arbor, Knurled Nut Tightening, Left Side Mount

No. 100 Emery Cloth Arbors

Used with 3/4" diameter bands for general grinding tasks.

- *Band tightening adjustment via end screw*
- *Modified Morse taper mount designed to fit standard dental lathes*

Item #	Description
02600	No. 100R Emery Cloth Arbor, Right Side Mount
02610	No. 100L Emery Cloth Arbor, Left Side Mount
02670	3/4" Rubber Replacement Head For Arbors

Emery Cloth Arbor

No. 200 Bur Chuck

3/16" capacity steel chuck designed for holding small grinding and polishing burs.

- *Jaws operated via finger-tightening knurled ring*
- *For right side use only*
- *Modified Morse taper mount designed to fit standard dental lathes*

Item #	Description
30600	No. 200 Bur Chuck, Right Side Mount

Bur Chuck

Jacobs Type Chuck and Attachments

Our classic-designed, keyless, fully sealed true-running chuck

- *0-9/32" capacity*
- *Jaws operated via finger-tightening knurled ring*
- *Designed for right side use only*
- *Modified Morse taper mount with locking collar designed to fit standard dental lathes*
- *Attachments feature 1/4" diameter mandrels for convenient mounting in Jacobs style chucks*

Item #	Description
30495	Jacobs Chuck for Right Side Mounting
30520	No. 5L (Left) Stone Chuck
30530	No. 5R (Right) Stone Chuck
30540	No. 6L (Left) Taper Chuck
30550	No. 6R (Right) Taper Chuck
30560	No. 100S Arbor Band Chuck for 3/4" Bands
30570	Disk Flange Chuck

Jacobs Chuck

Stone Chuck

Taper

Arbor Band

Disk Flange

13) Lathes and Accessories *(Continued)*

Lathe Stone Chucks

1 3/4" long brass chuck designed for use with stones that have 1/4" diameter center holes.

Item #	Description
30610	Stone Chuck, Brass, Fits Stones w/ 1/4” Hole, Left Side Mount
30620	Stone Chuck, Brass, Fits Stones w/ 1/4” Hole, Right Side Mount

Stone Chuck

Lathe Taper Chucks

3 1/2” long tapered chucks in cold-rolled steel or brass designed for use with brush wheels and buffs. Imported.

Item #	Description
30630	Taper Chuck, Brass, Left Side Mount
30640	Taper Chuck, Brass, Right Side Mount
30650	Taper Chuck, Steel, Left Side Mount
30660	Taper Chuck, Steel, Right Side Mount

Taper Chuck

Lathe Splashers

Heavy duty housing with solid back panel (no exhaust hole) for controlling splashing and debris during use of standard dental lathes.

- *Heavy polished aluminum construction improves safety and durability*
- *Includes welded dust tray that is removable for easy cleaning*
- *Available with 120 V AC light and clear shield options for convenient right or left side use*
- *Size 6 3/8" W x 10 1/2" D x 11 1/4" H*

Item #	Description
79805	Left Lathe Splasher w/ Light and Clear Shield, 120 V AC
79806	Right Lathe Splasher w/ Light and Clear Shield, 120 V AC
79802	Left Lathe Splasher w/ Light, w/o Shield, 120 V AC
79803	Right Lathe Splasher w/ Light, w/o Shield, 120 V AC
79804	Lathe Splasher w/ Clear Shield only
79801	Lathe Splasher Only w/o Shield
79810	Replacement Clear Plexiglas Shield
79811	Replacement Dust Tray

Lathe Splasher with Clear Shield

Lathe Wheels- *See Section 1- Abrasives, Lathe Wheels*

14) Model Trimmers, Accessories and Supplies

NEW!

DualTrim™ Rotary Dry Model Trimmer

Our newest heavy duty dry model trimmer that eliminates the potential ecological and model accuracy problems associated with wet trimming slurry, and can be converted from dry to wet operation.

- *Powerful 1/3 and 1/2 HP motor options for powerful and reliable trimming*
- *Convertible for dry or wet operation via optional Water Conversion Kit*
- *New 1 1/2" OD exhaust port design allows improved capture of dry and wet grinding debris and less cleaning*
- *New Quick-Stick™ abrasive sticky disk system promotes faster trimming and quick, "wrench-less" disk changes*
- *New rubber feet included for quieter operation and easier installation*
- *Convenient size (13 1/2" W x 13 1/2" H x 19" Deep x 45 lb.)*
- *All unites come complete with 4 Quick-Stick Abrasive Disks (1 pre-mounted, 3 Extra), Rubber Feet, and Exhaust Hose*

Item #	Description
61850	10", 1/3 HP DualTrim, 120 V AC
61855	10", 1/3 HP DualTrim, 220 V AC
61860	10", 1/2 HP DualTrim, 120 V AC
61865	10", 1/2 HP DualTrim, 220 V AC
61875	Water Conversion Kit for DualTrim

DualTrim™ Rotary Dry Model Trimmer

Note: Dry trimming requires the use of an effective, long-term dust collection system for the permanent handling and removal of dry grinding waste

DryTrim™ Premium Dry Model Finishing System

A heavy duty dry model trimming system that eliminates the potential ecological and model accuracy problems associated with wet trimming slurry.

- *Powerful 1/3 HP, 1725 RPM motor provides high torque and maximum cutting power*
- *4" W x 24" L grinding belts and multi-position table provide a larger cutting area and improved versatility*
- *Quick-release belt tensioning and auto-centering mechanisms assure true running*
- *Heavy duty design (21" W x 12" D x 15" H, 76 lbs.) for added durability and less maintenance*
- *On-off switch starts trimmer and energizes 120 V AC outlet on back (for optional dust collector)*
- *Unit includes 3" OD tail pipe (with Adapter) and requires high volume dust collector (Buffalo Dental DustClear or DryVac recommended- See Section 6)*
- *Comes complete with plastic Model Basket and set of 3 assorted fast-cutting zirconium oxide Trimming Belts*

Item #	Description
61650	DryTrim, 1/3 HP, 120 V AC
61660	DryTrim, 1/3 HP, 220 V AC
61640	Grinding Belts, Extra Coarse (New sharper 40 Grit), Pkg. of 3

DryTrim

Item #	Description
61645	Grinding Belts, Coarse (60 Grit), Pkg. of 3
61700	Cleaning Bar for Belts

Buffalo Dental 1/2 HP and 1/3 HP Heavy Duty Wet Model Trimmers

Durable, extra-heavy duty rotary trimming machines with high torque cutting power and no-frills simplicity.

- *Extra-high torque 1/2 HP Trimmers excellent for commercial labs and large offices doing high volume trimming*
- *High-torque 1/3 HP Trimmers ideal for intermittent grinding demands and for most dental office applications*
- *Trimmers feature whisper-quiet operation, fully adjustable tables, and enhanced splash control*
- *Convenient size (13" W x 13" H x 18" Deep x 48 lb.)*
- *All units come complete with a Carborundum grinding wheel, water hose (1/4" ID x 3' long) and drain hose (1" ID x 3' long)*
- *Optional solenoids provide water flow to trimmer when power applied to motor*

Item #	Description
61792	1/2 HP, 10" Model Trimmer, 120 V AC
61792A	1/2 HP, 10" Model Trimmer, 220 V AC, 50HZ
61820	1/2 HP, 12" Model Trimmer, 120 V AC
61830	1/2 HP, 12" Model Trimmer, 220 V AC
61790A	1/3HP, 10" Model Trimmer, 120 V AC
61810	1/3HP, 10" Model Trimmer, 220 V AC
61825	1/3HP, 12" Model Trimmer, 120 V AC

Wet Model Trimmer

Note: Buffalo Dental Model Trimmers require a maximum of 7 Amps (1/3 HP, 120 V AC) or 10 Amps (1/2 HP, 120 V AC) upon startup.

Other Trimmer Options Available with Diamond Wheels Included- *Please Call For Details.*

14) Model Trimmers, Accessories and Supplies *(Continued)*

Model Trimming Wheels

A selection of high quality trimming wheels for improved model trimming performance.

- *Diamond Trimming Wheels trim ultra-fast with extra-long life and are permanently mounted to aluminum backing plates (w/ 1" center holes)*
- *Carborundum Trimming Wheels in No. 24 coarse grit provide fast cutting and two-sided use (w/ 1" center holes)*
- *Waterproof Silicone Carbide Trimming Disks adhesive-mount to plastic backing plates and provide economical, fast-cutting alternative to traditional wheels*
- *Plastic Backing Plates feature stiff construction and universal 1" center mounting holes*

Item #	Description
61940	Diamond Model Trimming Wheel, 10”
61950	Diamond Model Trimming Wheel, 12”
61990	Carborundum Wheel, 10” Coarse
62030	Carborundum Wheel, 12” Coarse
61960	Standard Adhesive-Backed Coarse Abrasive Disks, 10”, Pkg. of 6
61963	Standard Adhesive-Backed Coarse Abrasive Disks, 12”, Pkg. of 4
61965	New Quick-Stick™ Adhesive-Backed Coarse Abrasive Disks, 10” (w/ 2” Center Hole), Pkg. of 6
61961	Plastic Back Up Wheel, 10”
61964	Plastic Back Up Wheel, 12”
61962	Plastic Washer

Diamond Model Trimming Wheel

Carborundum Wheels

Adhesive Backed Abrasive Disks

NEW!

Safety Shields w/ Flexible Necks

A high-impact, protective clear shield for use with model trimmers, lathes, and other laboratory equipment.

- *8” x 8” polycarbonate shield provides improved clarity and protection*
- *Metal goose-neck swivel arm allows fully adjustable positioning and flexibility*
- *Standard shield permanently mounts via screws to lab bench or other surfaces*
- *New custom clamp-on model quickly attaches to the motor base flange of Buffalo rotary trimmers via aluminum clamp w/ 1/8” wide slot*

Item #	Description
78400	Standard Safety Shield, Complete
78900	Custom Clamp-On Safety Shield (w/ 1/8” Wide Clamping Slot) for Buffalo Rotary Trimmers
78400RP	Replacement Shield w/ Rod (Without Flexible Neck)

Standard Safety Shield

NEW!

Custom Safety Shield Base Clamp

Miscellaneous Accessories

Item #	Description
NEW! 61798	Rubber Feet for Rotary Model Trimmers, Set of 4
61900	Water On/Off Solenoid, User Installed, 120 V AC
61901	Water On/Off Solenoid, Factory Installed, 120 V AC
61905	Water On/Off Solenoid, User Installed, 120 V AC
61906	Water On/Off Solenoid, Factory Installed, 220 V AC
MT-HSGGASK	Replacement Rubber Gasket for 10” Wet Trimmer Front Housing
MT-HSGGASK12	Replacement Rubber Gasket for 12” Wet Trimmer Front Housing
MT-TABLE	Replacement Adjustable Model Table for 10” Wet Trimmer

NEW!

Rubber Foot

Trap-Eze™ Disposable Plaster Traps

The sanitary, convenient, odor-resistant solution for the capture and disposal of messy wet model trimming waste.

- *Economical traps with permanent lids designed to slow discharge flow and allow plaster to settle out of water*
- *Two flexible hoses (1 1/2” ID x 1 3/4” OD x 20” long) conveniently connect trap to sink tail pipe and sewer tail pipe*
- *Smaller 3 1/2 gallon trap (12 1/2" diameter x 11" H) ideal for most general use applications*
- *Larger 5 gallon trap (12 1/2" diameter x 14 1/2" H) best for larger offices and labs with high volume needs as space permits*
- *Require only 7" to 9" of clearance below sink tail pipe for easy installation with no tools*
- *Complete kit includes Trap, two hoses, and sewer tail adapter fitting*
- *Refill includes trap and two plastic caps for sealing full trap*

Item #	Description
62100	3 1/2 Gal. Complete Kit
62106	3 1/2 Gal. Refill
62110	5 Gal. Complete Kit
62112	5 Gal. Refill
62108	Hoses Only, Set of 2, Flexible

Trap-Eze™ Disposable Plaster Trap

15) Pinsetters & Accessories, 16) Soldering Units, 17) Torches & Accessories

Buffalo Dental Laser Pinsetter

A fast and convenient machine w/ 1/8" ID Chuck for locating and drilling dowel pin holes utilizing laser light beam positioning.

- *Top mounted laser light beam indicates exact X-Y positioning of drill tip for guaranteed location accuracy*
- *Automatic drill activation by depressing model platform adds convenience and saves time*
- *Powerful 30,000 RPM, 1/8 HP, 2.4 Amp drill motor provides fast and smooth cutting action*
- *Heavy duty construction (8 1/2" W x 10" D x 15" H x 18 lbs.) protects motor and improves durability*
- *Versatile design permits use in upright or angled position for ergonomic standing or seated use*
- *Drilling depth adjustable via convenient adjustment screw*
- *System includes Pinsetter and standard, counter-sunk, P-type drill w/ 1/8" shank diameter*

Item #	Description
39000	Laser Pinsetter System, 120 V AC
39005	Laser Pinsetter System, 220 V AC
39100	Pinsetter Drills No. 1, Pkg. of 2

Laser Pinsetters

16) Soldering Units

Buffalo Dental Soldering Machine

A compact machine that is ideal for industrial, jewelry, and general laboratory soldering applications.

- *Applies soft or hard solder in seconds without flame for added safety and versatility*
- *Maximum 1000 W system produces adjustable soldering tip temperatures to 2000 degrees F*
- *Heat passes through Carbon Electrodes to ensure good contact and strong solder joints*
- *Large Carbon Holder can be adjusted to hold Carbons horizontally or vertically for extra convenience*
- *Designed so that both hands can be rested on the bench for improved comfort*
- *Attractive gray hammer tone Console measures 10 1/2" W x 6 7/8" D x 4 1/8" H, 12 lbs.*
- *Machine includes Foot Control, three Large Carbons, two Small Carbons, one Contact Rod, one Alligator Clip, one Bulldog Clamp, and a Stand for the Large Carbons*

Item #	Description
42-553	Soldering Machine, 120 V AC

Soldering Machine

Item #	Description
42-553/220	Soldering Machine, 220 V AC
42-553-25	Set of 5 Carbons

17) Torches (Including Bunsen Burners) and Accessories

Alcohol Lamps

High quality alcohol lamps for use with denatured alcohol in general purpose laboratory applications.

- *No. 12 Alcohol Lamp is constructed of chrome-plated brass, holds 5 oz. fuel, has a 3 3/4" diameter base, and features fully adjustable wick height control*
- *Whitney lamp features alcohol lamp design and includes an annealing frame*

Item #	Description
57510	No. 12 Alcohol Lamp
57690	Annealing Lamp, Whitney
57730	Annealing Tray & Frame
57560	Replacement Wicks for Alcohol Lamp, 3/16" Thick, Pkg. of 12

No. 12 Alcohol Lamp

Alcohol Torch

An economical torch that produces a needle-point flame with only a gentle squeeze of the plastic bottle.

- *5" high torch uses denatured alcohol fuel for cost savings and convenience*
- *Base of bottle weighted with marbles to prevent tipping and improve safety*
- *Ideal for applying a rolled edge to vacuum formed adaptations (flame edge and rub with thumb)*
- *Can also be used as an alcohol lamp*

Item #	Description
82440	Alcohol Torch
57560-1D	Wicks for Alcohol Torch, Pkg. of 12

Alcohol Torch

17) Torches (Including Bunsen Burners) and Accessories *(Continued)*

Bunsen Burners and Accessories

A variety of economical, heavy-duty burners and accessories for general-purpose laboratory applications.

- *5N Bunsen Burner is designed for use with natural gas, is 2 5/8" high, and features a solid brass burner and a black base*
- *5U Bunsen Burner is designed for use with natural gas only, is 4 1/2" high, has a solid brass burner with a black base, and adds a flame height adjustment knob*
- *6N Bunsen Burner is designed for use with natural or bottled gas, has a solid brass burner with a black base, and features a burn-off collar to prevent carbon deposits*
- *Spider Stand provides convenient support for soldering frame and is designed to fit 5N and 5U burners*
- *No. 52 Tripod is 5 1/2" high, supports work for heating prior to soldering, has a 5" diameter top ring that dissipates heat, and eliminates the need for a soldering frame*
- *No. 53 Tripod is 5 1/2" high and features a top ring with a 4 5/16" OD and a 3 3/16" ID*
- *Waxing Cup is designed to fit 5N and 5U burners, has a 3" OD, and is constructed of one piece cast zinc aluminum with a polished finish*

Item #	Description
08900	No. 5N, Natural Gas Only
08910	No. 5U, Natural Gas Only
08920	No. 6N, Natural Gas Only
08930	No. 6N, Bottled Gas Only
82990	Tripod No. 52
83010	Tripod No. 53
08990	Spider for 5N & 5U Bunsen Burners
32310	Waxing Cup
83330-8	Tubing, Amber, 1/4" ID, 8 Ft. Section

No. 5N

No. 5U

No. 6N

Spider

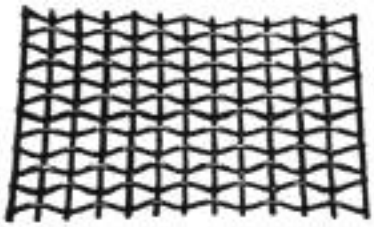
Waxing Cup

Tripod No. 52

Soldering Frames

Durable soldering frames for use over spiders and tripods that feature lock crimps to hold vessels flat.

Item #	Description
44800	Soldering Frame, No. 2, 4 1/2 X 4 1/2, Steel
44810	Soldering Frame, No. 2A, 6 X 6, Steel
44820	Soldering Frame, No. 3, 4 1/2 X 4 1/2, Stainless Steel



Soldering Frame

No. 5550 Blowpipe

Our classic high quality, larger all-metal torch for casting and soldering.

- *Works with natural or bottled gas, and compressed air or oxygen for added versatility*
- *Valves are designed for precise control of gas and air mixture for accurate flame control*
- *One piece, solid cast metal body prevents leakage and improves durability*
- *Lightweight torch is easy to handle and reduces operator fatigue*
- *Usable as a blast burner by rotating pipe upward and using handle as a base*
- *Parts are replaceable and most repairs can easily be done in the lab*

Item #	Description
05550	No. 5550 Blowpipe Only
05555	No. 1 Tip, Small
05560	No. 2 Tip, Medium (Orthodontic Tip)
05565	No. 3 Tip, Large
05570	No. 4 Tip, Oxygen (Soldering Tip)
05575	No. 5 Tip, Oxygen, Casting (Large Flame)
05580	No. 6 Tip, Small Oxygen, Casting
05585	Oxygen Casting Pipe Extension

Note:4"Pipe Tip Extension must be used when using Oxygen and Oxygen Tips

No. 5550 Blowpipe

1 2 3 4 5 6

Oxygen Casting Pipe Extension

17) Torches & Accessories *(Continued)*, 18) Vacuum Forming Machines

Jeweler's Torch

A small, lightweight torch that is ideal for melting, soldering, brazing and welding applications.

- *Fingertip-control valves feature superior construction for precise, leak-free mixing of gas and air*
- *Small (9" long) Torch capable of producing precise flame sizes, from pinpoint tip to large brush tip size*
- *Durable Torch is built from plated solid brass and seamless brass tubing and is designed for continuous daily use*
- *Kit includes Torch and range of four Torch Tips (3 Tips with Natural Gas Version)*

Jeweler's Torch

GAS For Oxygen &:	FLAME SIZE Pinpoint	Pencil	Small	Large Brush
Propane, Butane or Artificial Gas	14-130-1	14-131-1	14-132-1	14-133-1
Acetylene	14-136-1	14-137-1	14-138-1	14-139-1
Natural Gas	—	14-142-1	14-143-1	14-144-1

Item #	Description
14-100	Jeweler's Oxygen & Acetylene Torch
14-110	Jeweler's Oxygen & Artificial Gas Torch
14-120	Jeweler's Oxygen & Natural Gas Torch
14-125	Jeweler's Oxygen & Propane/Butane Torch

Torch Tips for Other Jeweler's Torches- Call for Details

18) Vacuum Forming Machines, Accessories and Supplies

Sta-Vac™ II Versatile Vacuum Forming System

Our improved classic high performance electric vacuum former that now allows both traditional flat table and highly accurate bead basket adaptations.

- *New ConverTable™ combination vacuum table/bead basket can be used in standard flat table mode or reversed and used in bead basket mode for improved versatility, vacuum flow, and accuracy*
- *Dual-stage electric vacuum motor provides powerful suction and highly accurate adaptations- no compressed air connections required!*
- *Spring loaded, self-leveling, gasket-sealed frame handles a variety of 5" x 5" sheet materials, and the square center post assures smooth operation and guarantees alignment of frame and table*
- *Solid construction (7" W x 16" D x 11" H x 32 lbs.) for maximum durability and long life*
- *Unique housing design prevents motor contamination, shields heater, and promotes ergonomic operation*
- *All systems include a sample range of vacuum forming materials*

Item #	Description
80193	Sta-Vac II Vacuum Forming System, 120 V AC, w/ Two ConverTables, Steel Beads and Plastic Work Tray
80194	Sta-Vac II Vacuum Forming System, 220 V AC, w/ Two ConverTables, Steel Beads and Plastic Work Tray CE
80198	Replacement ConverTable for Sta-Vac II
80188	Replacement Steel Beads for Sta-Vac II (and Accu-Vac), 3 Lb. Pkg.

Sta-Vac II

Also available is the Sta-Vac, with all internal components identical to the Sta-Vac II, but with only one ConverTable and no steel beads nor work tray, designed for use in original flat model table mode only.

Item #	Description
80190	Sta-Vac System, 120 V AC
80191	Sta-Vac System, 220 V AC CE

Sta-Vac

18) Vacuum Forming Machines, Accessories and Supplies *(Continued)*

Accu-Vac™ Precision Vacuum Forming System

An extremely powerful, accurate, and quiet vacuum forming system utilizing compressed air-powered suction.

- *Utilizes ultra-high powered venturi suction (requires 60 to 100 psi external compressed air supply) to create highly accurate vacuum adaptations*
- *Gasket-free frame accepts 5" diameter round and 5" x 5" square materials for improved versatility*
- *Unique table uses either standard flat plate or included steel bead basket for multiple model positioning options*
- *Single On/Off heat control switch and automatic vacuum actuation switch promote easy operation*
- *Convenient small size (7 1/2" W x 10 1/2" D x 10" H x 16 lbs.) enhances portability*
- *System includes Accu-Vac unit, Flat Plate Table, Steel Beads, Bead Basket, and sample range of Vacuum Forming Materials*

Item #	Description
80175	Accu-Vac System, 120 V AC
80176	Accu-Vac System, 220 V AC CE

Accu-Vac

Econo-Vac™ Vacuum Former

Premium vacuum former features power and performance in a standard, upright design.

- *Dual-stage vacuum motor provides powerful suction and accurate adaptations*
- *Spring loaded, self-leveling, gasket-sealed frame handles a variety of 5" x 5" sheet materials*
- *Square center post assures smooth operation and guarantees perfect alignment of table and frame*
- *Solid construction (7" W x 10 1/2" D x 15" H x 32 lbs.) for high durability and long life*
- *All systems include a sample range of vacuum forming materials*

Item #	Description
80186	Econo-Vac System, 120 V AC
80187	Econo-Vac System, 220 V AC CE

Econo-Vac

Tray-Vac™ Vacuum Former

A high performance, no-frills, economical, and reliable small vacuum former for the dental office.

- *High-velocity air flow system promotes rapid, highly accurate adaptations with 5" x 5" sheet materials*
- *Unique quick-lock frame and gasket-free design promote convenient, reliable operation*
- *Lightweight, small machine (7 1/2" W x 9 1/2" D x 15" H x 17 lbs.) improves portability*
- *All systems include a sample range of vacuum forming materials*

Item #	Description
80165	Tray-Vac, 120 V AC
80168	Tray-Vac, 220 V AC CE

Heating elements on Buffalo Dental vacuum formers utilize 500 W power to generate 300 degree F. temperatures.

Vacuum motors on Buffalo Dental vacuum formers utilize 900 W power (up to 1700W momentary upon start-up).

Tray-Vac

Adapter Plates for Tray-Vac

A set of two thin aluminum frames that allow Tray-Vac to handle undersized vacuum forming materials.

Item #	Description
80169	Adapter Plates for Tray-Vac, Set of Two

Adapter Plates

Block-Out Compound

Used for blocking out remaining teeth and undercuts on models when making appliances.

- *Reusable, heat resistant material resists running and sticking*
- *Can also be rolled around the base of models to promote easy periphery trimming*

Item #	Description
05240	Block-Out Material, 1 lb.

Block Out Compound

18) Vacuum Forming Machines, Accessories and Supplies *(Continued)*

Sta-Lube™ Spray

A convenient silicone lubricant spray that prevents materials from sticking to models, vacuum table and frame.

- *Environmentally safe material assures easy clean-up of flasks and trays*
- *Ideal separating medium for dies when making copings*

Item #	Description
80115	Sta-Lube Silicone Spray, 16 oz. Can

Sta-Lube

Tray Handles

Unique small aluminum handles that can be attached to warm vacuum formed trays.

- *Simple timesaving technique- briefly heat the tray handle in a flame and press into position on the warm tray*

Item #	Description
82550	Tray Handles, Pkg. of 100

Tray Handle

Also look for other convenient vacuum forming accessories throughout this catalog including:

- *Alcohol Torch (Section 17) for applying rolled edges to mouthguard materials*
- *Cut-off Disks and Cutting & Finishing Burs (Section 1) for rapid rotary trimming of thick materials*
- *No. 7R Knife (Section 11) for scoring around the base of warm tray materials to promote easy trimming and model removal*
- *No. 61 Shears (Section 11) for trimming mouthguard, coping, temporary splint, and base plate materials*

Replacement Parts for Vacuum Formers

Item #	Description
117160	Heating Element, 120 V AC
117160220	Heating Element, 220 V AC
46020	Adhesive Backed Foam Gasket (Used Outside Vacuum Table & for Lower Frame of Old Style Sta-Vac)
117430	Silicone Gasket (For Lower Frame of Econo-Vac & New Style Sta-Vac)
117460	Frame Handle

Accessories

ThermaKnife™ Thermal Tray Trimming Knife

A time-saving knife with a hot-tipped blade that promotes fast and easy trimming of vacuum formed materials.

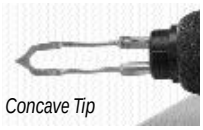
- *Adjustable temperature control on Console for precise adjustment of tip temperature and ideal cutting*
- *Ultra-fast heating circuit gets tip to ideal temperature in seconds and saves time*
- *Lightweight pen with sharp, permanent tip promotes improved comfort and control*
- *System includes Console and Pen with Knife-Edged Tip*
- *Optional Concave Tip and Waxing Tip Pens improve system versatility*
- *Note- Tips are easy to clean and maintain using Buff-Brite Polishing Wheels (See Section 1)*

Item #	Description
80500	ThermaKnife System Complete, 120 VAC (Console and Pen w/ Knife Edge Tip)
80510	Replacement Pen w/ Concave Tip
80520	Replacement Pen w/ Knife Edge Tip
80530	Replacement Pen w/ Waxing Tip
80500-1	Console Only for ThermaKnife, 120 VAC
80500-C	Replacement Cord For Pen

ThermaKnife w/ Knife Edge Tip

Knife Edge Tip

Waxing Tip


Concave Tip

18) Vacuum Forming Machines, Accessories and Supplies *(Continued)*

Vacuum Forming Materials

High quality 5" x 5" sheet thermoplastic materials for creating a wide range of vacuum formed appliances and trays.

- *Pure grade resin sheets are latex-free and uniform in size, cut and thickness for improved performance*
- *Resist bubbling, crazing, and fracturing to promote superior adaptations every time*
- *Packages include desiccant packets to resist moisture contamination*
- *Clear soft Ethyl Vinyl Acetate (EVA) sheets designed to bond together for build-up and lamination of custom mouthguards*

.020" Clear Temporary Splint Material

Clear stiff sheets excellent for splint fabrication, surgical packing, and stabilization. Extra-wide size is easier to use and promotes improved vacuum seal. Moderate adherence to some acrylics.

81600 **Pkg. of 50** 81605 **Pkg. of 200** 81610 **Pkg. of 625**

.020" Coping and Temporary C&B Material

Cloudy stiff polypropylene sheets excellent for use when fabricating temporary crowns, temporary bridges, and copings. Extra-wide size is easier to use and promotes improved vacuum seal. Will not adhere to acrylics.

31720 **Pkg. of 50** 31725 **Pkg. of 200** 31730 **Pkg. of 625**

.040" Clear Bleaching Tray Material

Clear soft EVA sheets excellent for use when fabricating bleaching trays. Material bonds to itself so can be built up in layers for creation of custom night-guards and mouthguards. Extra-wide size is easier to use and promotes improved vacuum seal.

62820 **Pkg. of 12** 62830 **Pkg. of 100** 62840 **Pkg. of 300**

.060" Pink Base Plate Material

Stiff pink styrene sheets excellent for fabrication of thin base plates.

04610 **Pkg. of 25** 04615 **Pkg. of 200** 04620 **Pkg. of 625**

.080" Clear Thin Mouthguard Material

Clear soft EVA sheets excellent for fabrication of thin mouthguards for non-contact sports, night-guards, bruxism splints, soft splints, and custom fluoride trays. Material bonds to itself so can be built up in layers for creation of custom mouthguards.

62804 **Pkg. of 12** 62802 **Pkg. of 100** 62800 **Pkg. of 300**

.080" Pink Tray Material

Stiff pink styrene sheets ideal for fabrication of medium and thick base plates and custom trays.

82610 **Pkg. of 25** 82615 **Pkg. of 200** 82620 **Pkg. of 625**

.100" Pink Tray Material

Stiff pink styrene sheets ideal for fabrication of thick base plates and custom trays.

82650 **Pkg. of 25** 82655 **Pkg. of 200** 82660 **Pkg. of 625**

.118" Clear Mouthguard Material

Clear soft EVA sheets excellent for fabrication of light mouthguards, soft splints, and custom fluoride trays. Material bonds to itself so can be built up in layers for creation of custom mouthguards.

62815 **Pkg. of 12** 62805 **Pkg. of 100**
62810 **Pkg. of 300**

Forming Material

.125" Blue Tray Material

Stiff blue Styrene sheets ideal for fabrication of thinner custom trays.

82690 **Pkg. of 25** 82695 **Pkg. of 200**
82700 **Pkg. of 625**

.150" Blue Tray Material

Stiff blue styrene sheets ideal for fabrication of thick custom trays.

82730 **Pkg. of 25** 82735 **Pkg. of 200** 82740 **Pkg. of 625**

.150" Clear Mouthguard Material

Thick, clear, resilient EVA sheets excellent for fabrication of thick mouthguards and resilient bruxism splints. Material bonds to thin EVA mouthguard materials so adaptations can be built up in layers for creation of custom mouthguards.

62700 **Pkg. of 12** 62705 **Pkg. of 100** 62710 **Pkg. of 300**

.150" Sta-Guard™ Clear Mouthguard Material

Thick, clear, resilient, EVA classic-brand sheets excellent for fabrication of thick mouthguards and resilient bruxism splints. Material bonds to thin EVA mouthguard materials so adaptations can be built up in layers for creation of custom mouthguards.

62750 **Pkg. of 12** 62755 **Pkg. of 100** 62760 **Pkg. of 300**

.150" Yellow Mouthguard Material

Thick yellow resilient EVA sheets excellent for fabrication of highly visible thick mouthguards (as required by certain football regulations.)

62770 **Pkg. of 12** 62790 **Pkg. of 100** 62780 **Pkg. of 300**

NEW!

Colored Mouthguard Materials with PolyShoK™ Technology!

NEW!

New *PolyShoK* technology allows the creation of high-impact sports mouthguards that can absorb 150% more energy than standard EVA mouthguards. The improved shock absorption can result in less destructive forces being transferred to dental structures, fewer oral-fascial injuries, and less concussions.

PolyShoK

- *Thinner .125" sheets are used in a double-lamination technique for the creation of 6 professional-quality athletic mouthguards that exceed 3 mm minimal interocclusal thickness recommendation for high-impact sports*
- *Thicker .155" sheets are used in a single step vacuum forming procedure for the creation of 12 professional-quality athletic mouthguards*

62900 **.125" Black - Pkg. of 12** 62930 **.155" Black - Pkg. of 12**
62910 **.125" Blue - Pkg. of 12** 62940 **.155" Blue - Pkg. of 12**
62920 **.125" Red – Pkg. of 12** 62950 **.155" Red – Pkg. of 12**

62960 **Mouthguard Straps, Clear EVA, Pkg. of 12**

19) Vibrators and Accessories

No. 1A Vibrator

Our most popular small bench vibrator that is ideal for dental office laboratories.

- *Improved 3-Speed switch and upgraded electronics create 120 W power and dependable 60 Hz vibration*
- *Durable 4" diameter rubber-covered platform and suction cup feet improve stability and ensure quiet operation*
- *Small size (4 1/2" W x 4 1/2" D x 4 1/2" H x 6 lbs.) fits conveniently in most office labs*

Item #	Description
84350	No. 1A Vibrator, 120V AC
84355	No. 1A Vibrator, 220V AC CE

No. 1A

No. 1B Vibrator

An innovative small vibrator with variable speed via foot control.

- *Fully variable speed via foot control provides convenient, hands-free operation*
- *Small size (4 1/2" W x 4 1/2" D x 4 1/2" H, 6 lbs.) fits conveniently in most office labs*
- *Durable 4" diameter rubber-covered platform and suction cup feet improve stability and ensure quiet operation*

Item #	Description
84360	No. 1B Vibrator, 120V AC
84365	No. 1B Vibrator, 220V AC

No. 1B

No. 2 Heavy Duty Vibrator

A premium, mid-size laboratory vibrator with powerful, 3-speed, 60 Hz vibration.

- *Ribbed 6" diameter rubber-covered platform holds larger flasks*
- *Three speed control switch for optimum performance selection*
- *Heavy beige-enameled housing unit (11" W x 4 1/2" D x 6 1/2" H x 13 lbs.) improve stability and durability*

Item #	Description
84400	No. 2 Vibrator, 120V AC
84410	No. 2 Vibrator, 220V AC

No. 2

No. 200 Extra-Heavy Duty Vibrator

Our largest, most powerful, variable speed bench vibrator for multiple flasks and dense castings

- *Large 10 1/2" W x 7 1/2" D rubber-covered steel work platform improve convenience and spill control*
- *Improved electronics and fully variable speed control promote powerful 350 W, 60 Hz vibration*
- *Heavy beige-enameled cast aluminum housing provides stability and eases clean-up tasks (4 1/2" H x 19 lbs.)*

Item #	Description
84500	No. 200 Vibrator, 120V AC
84510	No. 200 Vibrator, 220V AC

No. 200

Accessories

SplashCap™ plastic splash guard fits over top of No. 1A and 1B vibrators and provides increased spill control and easy clean-up

Item #	Description
84324	SplashCap Plastic Splash Guard

SplashCap

Stalite Special Model-Hardening Solution- *See Section 12, Laboratory Products*

20) Waxing Units, Waxes and Supplies

Waxing Unit

A compact, economical 3-compartment wax heating unit with adjustable temperature control.

- *On/Off switch located on power cord to prevent wax seepage into switch mechanism*
- *Controlled temperatures from 140 to 210 degrees F for convenient operation*
- *Provides three 11/16" deep wax compartments (one is 2 1/2" x 2 7/8", and two are 1 5/8" x 1 3/8")*
- *Attractive design with wood sides and helpful heat indicator light on front panel*

Item #	Description
86000	Waxing Unit, 120V AC
86010	Waxing Unit, 220V AC

Waxing Unit

Wax Carving Blocks

Ideal blocks for teaching tooth anatomy by practical carving and for designing in wax.

- *Formed from high quality carving wax similar to inlay casting wax*
- *Two convenient sizes- Small (anterior) are 1/2" x 1/2" x 1 1/2", Large (posterior) are 5/8" x 5/8" x 1 1/2"*
- *Available in four colors for improved visibility*

Item #	Description
85510	1/2” Blue, Box of 56
85511	1/2” Ivory, Box of 56
85512	1/2” Green, Box of 56
85513	1/2” Red, Box of 56
85517	5/8” Blue, Box of 24
85518	5/8” Ivory, Box of 24
85519	5/8” Green, Box of 24
85520	5/8” Red, Box of 24

Waxing Carving Blocks

Gnathological Occlusion Wax Kit

Waxes feature individual colors and physical properties for cones, marginal ridges, triangular ridges, buccal and lingual contour, and interproximal and occlusal fill-ins.

- *Kit contains six different blocks, each measuring 1/2" x 1/2" x 1"*

Item #	Description
85530	Gnathological Occlusion Wax, 6 Blocks (1/2” x 1/2” x 1” ea.)

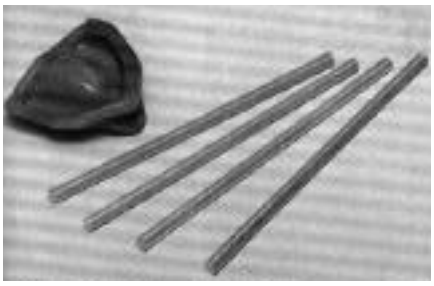
Gnathological Occlusion Wax

Plastic Periphery Wax Sticks

Soft plastic wax sticks that are easily adapted to periphery and post dam areas of impression trays without heating.

- *Pleasantly scented sticks separate easily for improved handling*
- *Soft enough for muscle-trimming procedures yet will not flow away at hydrocolloid temperatures*
- *Six attractive colors available in convenient packages of 52 sticks*

Item #	Description
85550	Orange, Box of 52
85551	White, Box of 52
85552	Yellow, Box of 52
85553	Blue, Box of 52
85554	Pink, Box of 52
85555	Green, Box of 52
85556	Assorted, Box of 52



Plastic Periphery Wax Sticks

Pressure Sensitive Adhesive Wax

4” x 4” flexible wax sheets that feature a unique, pressure sensitive adhesive on one side.

- *Sheets firmly adhere to models and surfaces yet can be easily removed as needed*
- *Supplied in six different thicknesses (20, 22, 24 26, 28 and 30 gauge) and in convenient packages of 32 sheets*

Item #	Description
85600	20 Gauge, Box of 32
85601	22 Gauge, Box of 32
85602	24 Gauge, Box of 32
85603	26 Gauge, Box of 32
85604	28 Gauge, Box of 32
85605	30 Gauge, Box of 32

Pressure Sensitive Adhesive Wax

20) Waxing Units, Waxes and Supplies *(Continued)*

Sta-Plastic™ Wax Wafers

Premium wax wafers used for stabilizing base plates and impressions, and for denture reline applications.

- *Retain imprints accurately under most conditions, even in boiling water*
- *Convenient packages of 50 each 3" x 4" sheets*

Item #	Description
85500	Sta-Plastic Wax Wafers, Box of 50

Wax Wafers

Wire Wax

Spools of blue wire wax used for forming dental clasps and bars, sprues, jewelry stems, rings, and twisting.

- *Different sizes can be handled with a heated spatula and conveniently joined together for model development*
- *Provided on economical 1/2 lb. spools in several important shapes and sizes*

Item #	Description
85640	6 Gauge, Round
85641	8 Gauge, Round
85642	10 Gauge, Round
85643	12 Gauge, Round
85644	14 Gauge, Round
85645	15 Gauge, Round
85646	16 Gauge, Round
85647	18 Gauge, Round
85648	20 Gauge, Round
85649	21 Gauge, Round
85685	12 Gauge, 1/2 Round
85690	14 Gauge, 1/2 Round
85695	6 Gauge, 1/2 Pear

GAUGE CHART

Gauge	Inches	Millimeters
6	.162	4.11
8	.129	3.28
10	.102	2.59
12	.081	2.06
14	.064	1.63
16	.051	1.30
18	.040	1.02
20	.032	.81

Wire Wax

Wax Remover

A safe and effective wax remover that contains only natural ingredients with no chlorinated hydrocarbons, phosphates, or petroleum distillates.

- *Water-soluble solution has no toxic fumes, is not absorbed by skin, and features a pleasant citrus scent*
- *Will not affect acrylics and boils out clean with no oily residue*
- *Ideal for dressing finished wax-ups, eliminating wax from investments, removing wax film from teeth, and assuring the bonding of plastic teeth*

Item #	Description
74352	Wax Remover, 1 Gal. Container

Wax Remover

Wax Spatula- *See section 11*

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