



Quality Materials & Equipment for the Professional Dental Lab

- Partial Denture Alloys and Investments
- Crown & Bridge Alloys and Investments
- Duplicating Materials
- Plastic Patterns
- Denture Acrylics
- Abrasives
- Equipment

NOBILSTAR

ULTRA

*Premium Chrome-Cobalt
Partial Denture Alloy*

THE NEXT GENERATION OF EXCELLENCE

State-of-the-Art, Nitrogen-Enhanced, "Ultra" Premium

- ★ 13% Elongation for Ultimate Adjustability★ Attractively Priced
- ★ Continuous Casting Assures Consistent Quality
- ★ Nickel & Beryllium-Free Formula

Complies with
European Medical
Device Directive
93/42/EEC



***Elongation Vickers Hardness**

Bego's Wironium	12%	330
Argen's Suprachrome+	13%	390
Austenal's Vitallium 2000+	13%	393
Nobilium's NobilStar "Ultra"	13%	348

The above mentioned alloys are trademarks of their respective manufacturer.
Physical properties data represents that published by each manufacturer.

 **NOBILIUM®**

Division of CMP Industries LLC

Albany, New York USA

Toll-Free: 800 833-2343

Outside USA: 518 434-3147

Fax: 518 434-1288 • www.nobilium.com



For over 50 years, Nobilium has been a major provider of dental laboratory materials and equipment. Nobilium products can be found in over 20 markets around the world. These markets include the U.S., Canada, Mexico, Argentina, France, Spain, England, Italy and Japan.

Nobilium is known for its high-quality products and its technical support services. The product line is quite extensive and includes alloys (ceramic & partial denture), investments (crown & bridge and partial denture), duplication materials, acrylics, plastic preforms, and an extensive line of laboratory equipment.

Nobilium is a division of CMP Industries LLC located in Albany, New York (USA). The CMP Quality System has been certified to comply with medical device regulations in Canada, Europe, and the U.S.

ORDERING INFORMATION



Nobilium Company

413 North Pearl Street
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Outside USA & Canada: 518 434-3147
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IMPORTANT INFORMATION

Prices are quoted in U.S. Dollars, subject to change without notice and do not include export preparation and packing.
Terms: Net 30 Days F.O.B.: Albany, NY; or other Warehouse Location

Do not return material without prior written authorization, copy of which must accompany your shipment.
Returned material, if undamaged and usable, will be subject to a minimum inspection and handling charge of 15%. Materials over 6 months old are *not returnable*. Request Nobilium Company routing instructions, then ship *prepaid* and marked "Attention – Manager, Customer Service." Orders subject to CMP credit approval and the Terms & Conditions as stated on invoice. Delinquent accounts are subject to a 1-1/2% per month service charge or that permitted by law.

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PARTIAL DENTURE ALLOYS



See back cover for complete physical properties of all our partial denture alloys.



PARTIAL DENTURE ALLOYS



NOBILSTAR PREMIUM Chrome-Cobalt Formulation

- Continuous Cast • Enhanced Physical Properties • 9% Elongation
- Casting temperature: 2750°F (1510°C)

1 lb (454 g)
2.2 lb (1 kg)

P/N 0012
P/N 0011



ECONOMY INGOT Chrome-Cobalt Formulation

- **Export Only** • 3% Elongation • Please Inquire
- Casting temperature: 2650°F (1454°C)

2.2 lb (1 kg)

P/N 0010

NOBILSTAR ULTRA PREMIUM Chrome-Cobalt Formulation

- Nitrogen-Enhanced • Continuous Cast • 13% Elongation
- Casting temperature: 2750°F (1510°C)

2.2 lb (1 kg)

P/N 0013



REGULAR INGOT Chrome-Cobalt Formulation

- Proven Traditional Formula • 3.5% Elongation
- Casting temperature: 2650°F (1454°C)

1 lb (454 g)
2.2 lb (1 kg)

P/N 0007
P/N 0101

HARD INGOT Chrome-Cobalt Formulation

- Increased Carbon Content for Greater Hardness • 3% Elongation
- Additional Stiffness Allows Delicate Frameworks

Casting temperature: 2650°F (1454°C)

1 lb (454 g)
2.2 lb (1 kg)

P/N 0008
P/N 0102

	NOBILSTAR	NOBILSTAR ULTRA	REGULAR INGOT	HARD INGOT	ECONOMY INGOT
Composition	65% Co, 27.5% Cr, 5.5% Mo	64% Co, 28.5% Cr, 5.25% Mo	62% Co, 30% Cr, 6% Mo	62% Co, 30% Cr, 6% Mo	65% Co, 28% Cr, 6% Mo
Elongation	9%	13%	3.5%	3%	3%
Hardness	Vickers 430	Vickers 350	Vickers 431	Vickers 444	Vickers 439
Ultimate	122,960 psi, 848 MPa	142,100 psi, 980 MPa	111,300 psi, 767 MPa	121,000 psi, 834 MPa	119,500 psi, 824 MPa
Proof Stress	92,800 psi, 640 MPa	93,500 psi, 645 MPa	85,950 psi, 592 MPa	88,600 psi, 611 MPa	84,870 psi, 586 MPa
Modulus of Elasticity	193 GPa	204 GPa	186 GPa	186 GPa	206 GPa

Nobilium Partial Denture Alloys Carry the European "CE" Mark and Conform to ISO Specification 22674

PARTIAL DENTURE ALLOYS



5

RPD ALLOYS



SUPER INGOT w/Platinum Chrome-Cobalt Formulation

- Proven Traditional Formula w/Platinum • 3.6% Elongation

Casting temperature: 2650°F (1454°C)

2.2 lb (1 kg)

P/N 0100

NOBILUM PARTIAL DENTURE BAGS Poly Bags for Finished Casework

Convenient "poly bags" for packaging finished partial denture cases. Positively identifies dental work as a "Genuine Nobileum Chrome-Cobalt Alloy Denture." Bags measure 6" x 9" (15 x 23 cm) and are printed in metallic silver and blue ink on a white front background. Reverse of bag is clear. Choice of Nobileum or Nobileum Cr-Co Alloys.

Nobileum (Regular & Ultra), Pkg 100

P/N NO5077

Nobileum Cr-Co Alloys, Pkg 100

P/N 0105



SPLASH COBACHROME Chrome-Cobalt Formulation

- High Quality Shot-Type Alloy • 3.5% Elongation

Casting temperature: 2700°F (1482°C)

1 lb (454 g)
2.2 lb (1 kg)

P/N 0006

P/N 0003



SPLASH COBACHROME XL Chrome-Cobalt Formulation

- Larger Pebble Size for Induction Casting • 3.5% Elongation

Casting temperature: 2700°F (1482°C)

1 lb (454 g)
2.2 lb (1 kg)

P/N 0009

P/N 0009K

Composition
Elongation
Hardness
Ultimate
Proof Stress
Modulus of Elasticity

SUPER INGOT
62% Co, 30% Cr, 6% Mo
3.6%
Vickers 430
114,100 psi, 787 MPa
86,100 psi, 594 MPa
186 GPa

SPLASH COBACHROME
64% Co, 29% Cr, 5.5% Mo
3.5%
Vickers 410
110,800 psi, 764 MPa
80,500 psi, 565 MPa
189 GPa

SPLASH COBACHROME XL
64% Co, 29% Cr, 5.5% Mo
3.5%
Vickers 410
110,800 psi, 764 MPa
80,500 psi, 565 MPa
189 GPa

Nobileum Partial Denture Alloys Carry the European "CE" Mark and Conform to ISO Specification 22674

Toll-Free: 800.833.2343 • Fax: 518.434.1288 • Outside USA: 1.518.434.3147 • www.nobileum.com

DUPLICATING MATERIALS



DUPLICATING MATERIALS



INSTALOID CONCENTRATED DUPLICATING MATERIAL

JUST ADD WATER . . . “instantly” you have the volume of duplicating material you need!

- All-Purpose Use Including Stone Models
- Consistent, High Accuracy for Finest Detail
- Saves on Shipping Costs and Storage Space
- Versatile (Small Labs Can Mix “Small” Amounts)
- Works Universally with Most Partial Denture Investments



95 fl oz (2.8 ltr) – 7 lb (3.18 kg) Net Wgt
(Makes 2 gallons – 7.6 liters)

1 gal (3.79 ltr) – 10 lb (4.54 kg) Net Wgt
(Makes 3 gallons – 11.4 liters)

P/N 72-20

P/N 72-10



NOBILOID ALL-PURPOSE DUPLICATING MATERIAL

- Reversible Duplicating Material with All Investment Types
- Use for Duplicating Stone Models

1 gal (3.79 ltr) – 9 lb (4.1 kg) Net Wgt
3 1/2 gal (13.3 ltr) – 31 lb (14.1 kg) Net Wgt

P/N 1001
P/N 1002

NOBILOID REGULAR DUPLICATING MATERIAL

- Special Formulation for Ethyl-Silicate Investments (Only)



1 gal (3.79 ltr) – 9 lb (4.1 kg) Net Wgt

P/N 1003



NOBILGEL CONCENTRATED DUPLICATING MATERIAL

Same great product as INSTALOID only packaged specifically for the export market. **Export only.**

1 gal (3.79 ltr) – 10 lb (4.54 kg) Net Wgt
(Makes 3 gallons – 11.4 liters)

P/N 1012



DUPLICATING MATERIALS

NOBILFLEX DUPLICATING COLLOID

- Special Formulation for Colloid Coating Technique
- Use with Ethyl-Silicate Investments

3 1/2 gal (13.3 ltr) – 31 lb (14.1 kg) Net Wgt

P/N 1009



NOBILWASH COLLOID CONDITIONER

- Conditions Wash to Prepare Nobilflex for Stone Model Use

1 qt (946 cc) – 2 lb (.91 kg) Net Wgt

P/N 1010



DUPLICATION SILICONE

- Free-Flowing
- Captures Even the Smallest Details with Ease
- Tear-Resistant

Duplication Silicone Kit (Contains 1 Base & 1 Catalyst)
1 kg (2.2 lb) Brown Base
1 kg (2.2 lb) White Catalyst

P/N 7435
P/N 7433
P/N 7434

INSTA-MOLD ELASTOMERIC MATERIAL

- Silicone Impression Putty for Matrix Work, Repairs and Precise Positioning



Insta-Mold Kit
32 fl oz (946 cc) Putty &
1 fl oz (29.6 cc) Curing Agent
Curing Agent Only
1 fl oz (29.6 cc)

P/N 7436

P/N 7437



DUPLICATING FLASKS

- Two Different Style Aluminum Flasks for Duplicating

Flat Base Flask
Raised Base Flask

P/N 6022
P/N 6025

PLASTIC SPRUE FORMER Solid White

- Sprue Cones are Specially Designed for Use with CMP's Modular-Type Electronic Induction Casting Machines

Each

P/N 62167



PLASTIC SPRUE FORMER Hollow Blue

- Convenient Funnel Shape that Provides an Easy Method for Spruing Partial Dentures

Each

P/N 1007

PARTIAL DENTURE INVESTMENTS





PARTIAL DENTURE INVESTMENTS

YELLOW STRIPE REGULAR INVESTMENT

- 3-Liquid Ethyl-Silicate Investment for Chrome-Cobalt Partial Denture Frameworks

Recommended Burnout is 1850°F (1010°C)

Two 50 lb (22.7 kg) Powder & 1 gal (3.79 ltr) C & D w/470cc E Liquid	P/N 2001
50 lb (22.7 kg) Powder Only	P/N 2002
1 gal (3.79 ltr) C & D w/470 cc E Liquid Only	P/N 2005



YELLOW STRIPE NEW IMPROVED INVESTMENT

- Fine-Grained, 3-Liquid Ethyl-Silicate Investment for Chrome-Cobalt Partial Denture Frameworks

Recommended Burnout is 1850°F (1010°C)

Two 50 lb (22.7 kg) Powder & 1 gal (3.79 ltr) C & D w/470cc E Liquid	P/N 2003
50 lb (22.7 kg) Powder Only	P/N 2004
1 gal (3.79 ltr) C & D w/470 cc E Liquid Only	P/N 2005



GOOD EARTH INVESTMENT

- Quality 2-Liquid, Ethyl-Silicate Investment for Chrome-Cobalt Partial Denture Frameworks

Recommended Burnout is 1800°F (982°C)

100 lb (45.4 kg) Powder & Two 1 gal (3.79 ltr) Binder & A Liquid	P/N 805000
100 lb (45.4 kg) Powder Only	P/N 805001
50 lb (22.7 kg) Powder Only	P/N 805002
1 gal (3.79 ltr) Binder & A Liquid Only	P/N 805003

GOOD EARTH II REGULAR INVESTMENT

- Same High Quality as Traditional Good Earth with the Added Feature of an Accelerated Setting Time

Recommended burnout is 1800°F (982°C)

100 lb (45.4 kg) Powder & Two 1 gal (3.79 ltr) Binder & A Liquid	P/N 805053
100 lb (45.4 kg) Powder Only	P/N 805043
1 gal (3.79 ltr) Binder & A Liquid Only	P/N 805046

GOOD EARTH II XTRA INVESTMENT

- Larger Grain Size than Regular Good Earth II to Increase the Ease of Gas Emissions When Curing

Recommended Burnout is 1800°F (982°C)

100 lb (45.4 kg) Powder & Two 1 gal (3.79 ltr) Binder & A Liquid	P/N 805052
100 lb (45.4 kg) Powder Only	P/N 805042
1 gal (3.79 ltr) Binder & A Liquid Only	P/N 805046

	YELLOW STRIPE REGULAR	YELLOW STRIPE NEW IMPROVED	GOOD EARTH	GOOD EARTH II REGULAR	GOOD EARTH II XTRA
Working Time	10 Minutes	10 Minutes	15 Minutes	10 Minutes	10 Minutes
Burnout Temperature	1850°F (1010°C)	1850°F (1010°C)	1800°F (982°C)	1800°F (982°C)	1800°F (982°C)
Thermal Expansion	1.6%	1.6%	1.6%	1.6%	1.6%
Liquid : Powder	17 cc : 100 g	18 cc : 100 g	19 cc : 100 g	16.5 cc : 100 g	16.5 cc : 100 g



PURPLE STRIPE INVESTMENT

- 2-Liquid, Equal-Part Ethyl-Silicate Investment for Chrome-Cobalt Partial Denture Frameworks

Recommended Burnout is 1850°F (1010°C)

Two 50 lb (22.7 kg) Powder &
1 gal (3.79 ltr) Each Solution 1 & 2 Liquid
50 lb (22.7 kg) Powder Only
1 gal (3.79 ltr) Each Solution 1 & 2 Liquid Only

P/N 2131
P/N 2132
P/N 2135

RED STRIPE INVESTMENT

- Oxy-Phosphate, Water-Mix Investment for Chrome-Cobalt Partial Frameworks.

Recommended Burnout is 1800°F (982°C)

40 lb (18.2 kg) Powder

P/N 2006

AQUAVEST INVESTMENT

- Fined-Grained, Oxy-Phosphate, Water-Mix investment for Chrome-Cobalt Partial Denture Frameworks

Recommended Burnout is 1600°-1800°F (871°-982°C)

35 lb (15.9 kg) Powder

P/N 2012



GREEN STRIPE INVESTMENT

- Oxy-Phosphate, Fine-Grained, Water-Mix Investment for Chrome-Cobalt Partial Denture Frameworks
- Special All-Season Liquid for the Refractory Model

Recommended Burnout is 1800°F (982°C)

30-400 g Powder & 16 oz (473 cc) Liquid Pouch Kit
30 lb (13.6 kg) Powder & 16 oz (473 cc) Liquid
55 lb (24.9 kg) Powder & 32 oz (946 cc) Liquid
30-400 g Pouches Powder Only
30 lb (13.6 kg) Powder Only
55 lb (24.9 kg) Powder Only
16 oz (473 cc) Liquid Only
32 oz (946 cc) Liquid Only

P/N 2039-400
P/N 2039
P/N 2046
P/N 2036-400
P/N 2036
P/N 2036-55
P/N 2037
P/N 2038

FRAMEFIRE INVESTMENT

- Precision, Cristobalite-Enhanced, Fast-Fire Oxy-Phosphate Investment for Chrome-Cobalt Partial Denture Frameworks • Allows 1300°-1850°F (704°-1010°C) Furnace Entry
- Special All-Season Liquid is Provided for the Refractory Model

Recommended Burnout is 1800°F (982°C)

55 lb (24.9 kg) Powder &
32 oz (946 cc) Liquid
55 lb (24.9 kg) Powder Only
32 oz (946 cc) Liquid Only

P/N 2046F
P/N 2036F-55
P/N 2038F



	PURPLE STRIPE	GREEN STRIPE	FRAMEFIRE	RED STRIPE	AQUAVEST
Working Time	8 Minutes	3 Minutes	3 Minutes	5 Minutes	5 Minutes
Burnout Temperature	1850°F (1010°C)	1800°F (982°C)	1800°F (982°C)	1800°F (982°C)	1600°-1800° F (871°-982° C)
Thermal Expansion	1.5%	1.4%	1.2%	1.4%	1.4%
Liquid : Powder	17 cc : 100 g	14 cc : 100 g	15 cc : 100 g	11.5 cc : 100 g	14 cc : 100 g



INVESTMENT ACCESSORIES



PLASTIC INVESTING RING

- Quality High-Impact Plastic
- 3 3/4" (95 mm) Diameter x 2 3/8" (60 mm) High

Complete w/Ring, Base & Disk
Rubber Extension Only
Plastic Ring Only
Plastic Base Only
Rubber Disk Only

P/N 6001
P/N 6002
P/N 6031
P/N 6032
P/N 6033

CARDBOARD CASTING RINGS w/SPECIAL ADHESIVE STRIP

- A Variable-Size, Cardboard Casting Ring
- Maximum Diameter of Approximately 3 1/2" (89 mm)
- Special Adhesive Strip for Easy Ring Conversion
- 3" Wide x 12" Long (7.6 x 30.5 cm) Flat

Package of 100

P/N 6030



PLASTER MIXING BOWLS

- Long-Life, Rubber Mixing Bowls in Five Convenient Sizes



Small (150 cc)
Medium (350 cc)
Large (600 cc)
Extra Large (850 cc)
Jumbo (1700 cc)
Set of Four, S-M-L-XL

P/N 3555
P/N 3556
P/N 3557
P/N 3558
P/N 3576
P/N 3559



INCONEL SPLIT INVESTING RING w/CLIP

- Available in Two Popular Sizes
- High Quality Stainless Steel

3 1/2" (89 mm) Diameter x 2 1/2" (64 mm) High
Complete w/Clip
Ring Only
Clip Only
3" (76 mm) Diameter x 2 1/2" (64 mm) High
Complete w/Clip
Ring Only
Clip Only

P/N 6003
P/N 6027
P/N 6028

P/N 6065
P/N 6066
P/N 6028

CARDBOARD CASTING RING

- Economical, Disposable Ring Alternative
- 3 1/2" (89 mm) Diameter x 3 1/2" (89 mm) High

Complete w/Base
Ring Only
Base Only

P/N 6034
P/N 6035
P/N 6036



DIPPING MATERIALS & PAINT-ON





DIPPING MATERIALS & PAINT-ON

REGULAR MODEL ROSIN DIP

- A heated Dipping Material Used to Seal and Strengthen Investment Models • Low Melting Point of 250°F (121°C)

5 lb (2.27 kg)

P/N 1004



SPECIAL HARD MODEL ROSIN DIP

- A Heated Dipping Material that Imparts a Harder Surface
- Smokeless at its Holding Temperature of 350°F (177°C)

8 lb (3.6 kg)

P/N 1005



SAFE-DIP COLD DIPPING MATERIAL

Environmentally-Safe

- Formulated to be Used at Room Temperature • Compatible with Gypsum, Phosphate & Ethyl-Silicate Investments

1 gal (3.79 ltr)

P/N 1013



GREEN LIQUID PAINT-ON

- Liquid Precoat Investment to Protect Plastic Patterns and Wax from Ethyl-Silicate Investments

Box of Four 8 oz (237 cc) Jars

P/N 6004

NOBILCOAT SPECIAL PAINT-ON

- A Liquid Precoat Investment Applied to Nobilex Colloid Mold

Box of Four 8 oz (237 cc) Jars

P/N 6072



NOBILCOAT THINNER

- Thinner for Nobilex Paint-On Investment
- Not for Use** with "Green" Paint-On or Any Other Similar Investments

1 qt (946 cc)

P/N 6073

PLASTIC PATTERNS, WAXES & APPLIANCES





PLASTIC PREFORM PATTERNS



TACKYFIER PATTERN ADHESIVE

• Adhesive Liquid Formulated to Increase Adhesion Between Plastic Patterns and Models

4 oz (120 cc)

P/N 4109



LR1 4011 Lingual bars with retention.



LR2 4012 Lingual bars with retention.



LR3 4013 Lingual bars with retention.



PR1 4022 Palatal bars with retention; long and short bars on same card; long bar with tapered end for unilateral application.



LR4 4014 Lingual bars with retention.



LR5 4015 Lingual bars with retention.



LR6 4016 Lingual bars with retention.



PR2 4023 Palatal bars with retention; long and short bars on same card; long bar with tapered end for unilateral application.



RB1 4024 Retention bars for use as a strengthening bar for acrylic partials or for constructing special retentions in lingual bar cases.



FR1 4007 Finishing bars or finishing lines with retention for constructing full uppers, horseshoes and various other partials.



FR2 4008 Finishing bars or finishing lines with retention for constructing full uppers, horseshoes and various other partials.



RC3 4025 Roach type clasps (small).



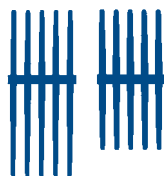
RC4 4026 Roach type clasps (medium).



RC5 4027 Roach type clasps (large).



MS 4017 Plastic mesh (square shape).



SC0 4029 Straight clasps with long & short prongs (very light).



RC6 4028 Roach type clasps (combination).



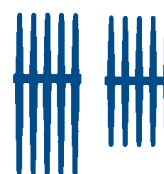
FB1 4005 Finishing bars or finishing lines (small).



FB2 4006 Finishing bars or finishing lines (large).



CC5 4001 Curved clasps.



SC1 4030 Straight clasps with long & short prongs (light).



SC3 4032 Straight clasps with long & short prongs (heavy).



LB1 4009 Lingual bars (light, half-drop).



LB2 4010 Lingual bars (heavy, half-drop).



CR1 4002 Clasps with rest (light).



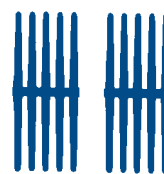
PB1 4018 Palatal bars (half-round).



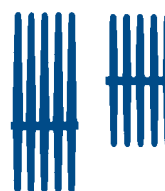
PB2 4019 Palatal bars (wide, flat).



CR2 4003 Clasps with rest (medium).



SC2 4031 Straight clasps with equal length prongs (medium).



SC4 4033 Straight clasps with long & short prongs (very-heavy).



PD1 4020 Post dams or utility bars.



PD2 4021 Post dams or utility bars.



UT1 4034 Utility bars for supplementary additions in construction.



CR3 4004 Clasps with rest (heavy).



STIPPLED PLASTIC SHEETS

- Aids in the Esthetic Wax-Up of Full Palate and Horseshoe Cases
- Available in Medium & Coarse Textures in Three Popular Gauges



- 22 Gauge, Box 8
 - Medium Grit
 - Coarse Grit
- 24 Gauge, Box 8
 - Medium Grit
 - Coarse Grit
- 26 Gauge, Each
 - Medium Grit
 - Coarse Grit

- *P/N 4110
- *P/N 4112
- *P/N 4111
- *P/N 4113

- P/N 4103
- P/N 4107

***Note:** Part numbers 4110, 4111, 4112 and 4113 are new, improved stipple. Each card contains slightly less material but has higher uniformity and improved pattern texture. Minimum order: Box of 8.



WAX PALATE PATTERNS

- Esthetic Aid in the Waxing Phase of Full Denture Construction
 - Box of 100

Wax Palates

P/N 3060



TRU-GUM PLASTIC PATTERNS

- A Natural Appearing Plastic Pattern Used in the Waxing Phase of Full Denture Construction • Four Patterns per Card

Each Card

P/N 7023



WAX STIPPLED SHEETS

- A Soft, Green Medium-Textured Casting Wax
 - Available in Four Gauges • Box of 15

- 22 Gauge (.63 mm)
- 24 Gauge (.50 mm)
- 26 Gauge (.40 mm)

- P/N 3056
- P/N 3057
- P/N 3058



WAXES



NOBILWAX BASEPLATE WAX

- Flexible • Holds Shape • Provides Clean Boil-Out
- 5 lb (2.27 kg) Boxes

#1 Pink, Extra Hard .058" (1.5 mm)	P/N 3029
#2 Pink, All-Season – Thick .058" (1.5 mm)	P/N 3030
#2 Pink, All-Season – Thin .045" (1.2 mm)	P/N 3031
Red, Thick .075" (2 mm)	P/N 3032

ADHESIVE RELIEF WAX

- Pressure Sensitive Wax Used to Provide Clearance in Retention
- Box of 32

22 Gauge (.63 mm)	P/N 3018
24 Gauge (.50 mm)	P/N 3019
26 Gauge (.40 mm)	P/N 3020

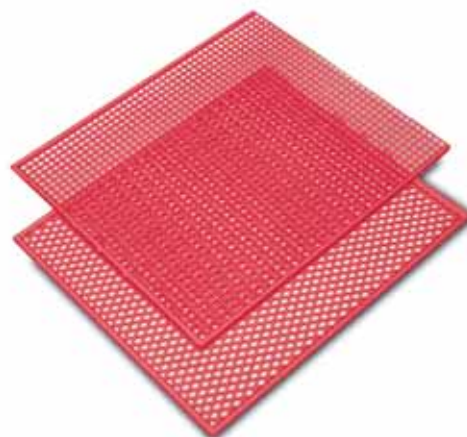


WIRE WAX Round

- A Spooled, Blue Round Wax • 1/2 lb (227 g) Rolls



6 Gauge (4.11 mm)	P/N 3003
8 Gauge (3.26 mm)	P/N 3004
10 Gauge (2.60 mm)	P/N 3005
18 Gauge (1.02 mm)	P/N 3008
20 Gauge (0.81 mm)	P/N 3009



NOBILMESH WAX Circle, Diamond & Square

- Conveniently Shaped Red Wax Mesh Patterns Designed to Provide Retention in Partial Denture Wax-Ups • Box of 10

Circular	P/N 3000
Heavy Diamond	P/N 3001
Thin Square	P/N 3002



BITE WAX

- Flavored, Yellow Wax Sheets Used for Bite Registrations

5 lb (2.27 kg)

P/N 3034

INLAY WAX

- Two Different Hardnesses for Most Waxing Needs • Available in Blue or Green Chunks • 1 lb (454 g) Box



Blue Chunks
Regular
Hard

Green Chunks
Regular
Hard

P/N 3049
P/N 3050

P/N 3052
P/N 3053



SET-UP WAX

- Allows for Easy Setting and Articulating of Teeth

5 lb (2.27 kg)

P/N 3055



STICKY WAX

- A Fast-Setting, Adhesive Wax for Temporary Bonding of Wax Parts

1 lb (454 g) Block

P/N 3047



BOXING WAX

- A Soft, Tacky and Flexible Wax Used for Boxing

1 lb (454 g) Thin Strips

P/N 3044



APPLIANCES



NOBIL-LATCH

- Provides a Convenient and Easy-to-Process Appliance for the Support of Periodontally Involved Anteriors and Offers Small, Durable Latches

Nobil-Latch (Pair)

P/N 6020

WESTERN HINGE

Straight & Curved

- Designed to Alleviate stress and to Maintain Comfort & Tooth Preservation

Straight Hinge
Curved Hinge

P/N 6074
P/N 6075

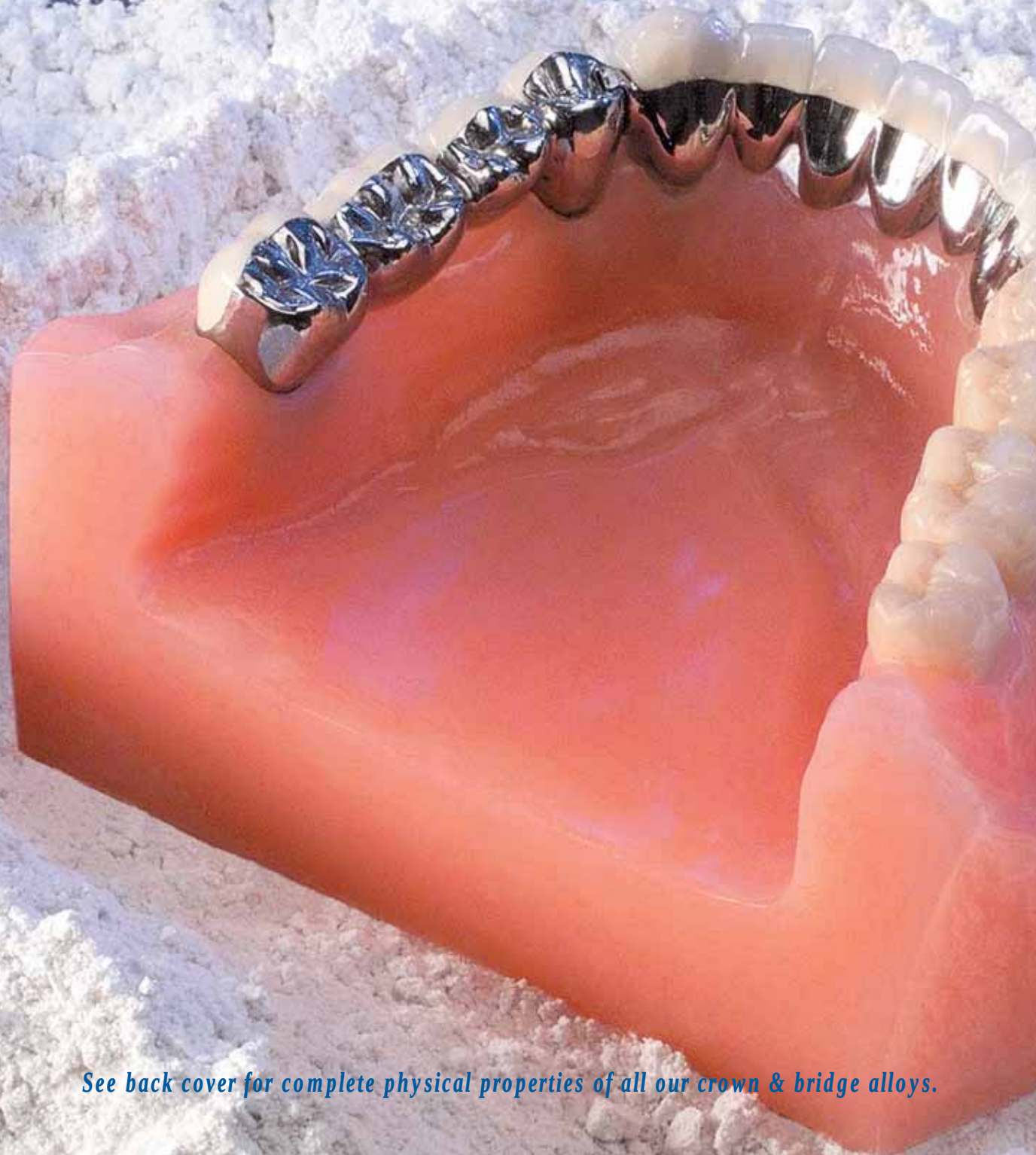


Delivers Ideal Retention & Distributes Stresses Equally on All Surfaces of Teeth Involved



Virtually Eliminates the Lateral Movement Common in Most Extension Hinges

CROWN & BRIDGE ALLOYS



See back cover for complete physical properties of all our crown & bridge alloys.



CROWN & BRIDGE ALLOYS



NOBILCERAM CERAMIC C & B ALLOY

Chrome-Cobalt Formulation

- Ideal for Porcelain-to-Metal Application
- Can be Used with Most Popular Porcelains

Casting Temperature: 2600°F (1427°C)

8.8 oz (250 g)
2.2 lb (1 kg)

P/N 0512
P/N 0501

- Beryllium-Free Formula, Chrome-Nickel Ceramic C & B Alloy Ideal for Porcelain-to-Metal Application
- Can be Used with Most Popular Porcelains

Casting Temperature: 2600°F (1427°C)

8.8 oz (250 g)
2.2 lb (1 kg)

P/N 0401-250
P/N 0401K



NPX-III CERAMIC C & B ALLOY

Chrome-Nickel Formulation

- Non-Precious, Ceramic C & B Alloy Formulated to Match the Industries' Most Popular Chrome-Nickel Ceramic Alloys
- Can be used with most popular porcelains

Casting temperature: 2525°F (1385°C)

1 tr oz (31.1 g)
8.8 oz (250 g)
2.2 lb (1 kg)

P/N 0407
P/N 0412
P/N 0108

	NOBILCERAM	NPX-III	BF ALLOY
Composition	63.5% Co, 29% Cr, 3.25% Mo	76.5% Ni, 14% Cr, 4.5% Mo, 1.6% Be	77% Ni, 11.5% Cr, 3.5% Mo
Elongation	5.5%	9%	5%
Hardness	Vickers 320	Vickers 350	Vickers 363
Ultimate	102,500 psi, 706 MPa	147,000 psi, 1,013 MPa	105,000 psi, 724 MPa
Proof Stress	70,700 psi, 487 MPa	113,700 psi, 794 MPa	80,000 psi, 550 MPa
Coefficient of Thermal Expansion	14.6 x 10 ⁻⁶ m/m/°C	14.39 x 10 ⁻⁶ m/m/°C	13.8 x 10 ⁻⁶ m/m/°C

Nobilium Crown & Bridge Alloys Carry the European "CE" Mark and Conform to ISO Specification 22674

CROWN & BRIDGE INVESTMENTS





CROWN & BRIDGE INVESTMENTS

CB-30 CROWN & BRIDGE INVESTMENT

- Oxy-Phosphate Type • Carbon-Free
- Suitable for Precious or Base Metal Alloys • No Ring Necessary
- Freeze-Stable Liquid • High-Expansion Liquid Available



60 g Powder w/Liquid Kit (Pouches, Liquid & Vial)	
144 Pouches	P/N 2801
90 g Powder w/Liquid Kit (Pouches, Liquid & Vial)	
144 Pouches	P/N 2803
25 lb (11.4 kg) & 80 oz (2,366 cc) Powder & Liquid	P/N 2027-25
60 g Powder Only	
144 Pouches	P/N 2806
90 g Powder Only	
144 Pouches	P/N 2809
5 lb (2.27 kg) Powder Only	P/N 2028
25 lb (11.4 kg) Powder Only	P/N 2028-25
32 oz (946 cc) Liquid Only	P/N 2810
80 oz (2,366 cc) Liquid Only	P/N 2029-25
32 oz (946 cc) HE Liquid Only	P/N 2049
Ring Liner, Ceramic Type – 20 ft (6.1 m)	P/N 2811
Measuring Vial	P/N 2813



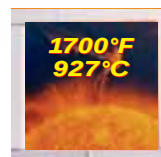
Smooth, Cream-Like
Consistency



Exact Fit, First &
Every Time



Superior Strength for
Large Castings



CB-30 MICROFIRE CROWN & BRIDGE INVESTMENT

- Oxy-Phosphate Type • Rapid Burn-Out
- Oven Entry in 20 Minutes as High as 1700°F (927°C)
- Suitable for Pressable Ceramics • No Ring Necessary
- Freeze-Stable Liquid

90 g Powder w/Liquid Kit (Pouches, Liquid & Vial)	
100 Pouches	P/N 2101
10 lb (4.54 kg) & 2-16 oz (473 cc) Powder & Liquid	P/N 2100
25 lb (11.4 kg) & 96 oz (2,839 cc) Powder & Liquid	P/N 2104
90 g Powder Only	
100 Pouches	P/N 2107
25 lb (11.4 kg) Powder Only	P/N 2021-25
32 oz (946 cc) Liquid Only	P/N 2105
96 oz (2,839 cc)	P/N 2102
Ring Liner, Ceramic Type – 20 ft (6.1 m)	P/N 2811
Measuring Vial	P/N 2813

CB-30 DEBUBBLIZER

- Detergent-Based

32 oz (946 cc)	P/N 2817
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	CB-30 REGULAR	CB-30 MICROFIRE
Working Time	5 Minutes	4 Minutes
Setting Expansion	.5%	.6%
Thermal Expansion	1.5%	1.4%
Liquid : Powder	18 cc : 100 g	25 cc : 100 g

CASTING & REPAIR SUPPLIES





CASTING & REPAIR SUPPLIES

CARDBOARD CASTING RINGS w/SPECIAL ADHESIVE STRIP

- A Variable-Size, Cardboard Casting Ring • Maximum Diameter of Approximately 3 1/2" (89 mm) • Special Adhesive Strip for Easy Ring Conversion • 3" Wide x 12" Long (7.6 x 30.5 cm) Flat

Package of 100

P/N 6030



SPUN CERAMIC INSULATED GLOVES

- Thermal Hand and Forearm Protection From the High Temperatures When Removing Hot Molds From Ovens • 14" (36 cm) in Length

1 Pair, Right & Left Hand
Right Hand Only
Left Hand Only

P/N 6005

P/N 6006

P/N 6007

QUARTZ PROBE w/HANDLE

- Used for Probing Molten Alloy



Probe w/Handle

P/N 6057

Probe Only

P/N 6058

Handle Only

P/N 6059

CARDBOARD CASTING RING

- Economical, Disposable Ring Alternative
 - 3 1/2" (89 mm) Diameter x 3 1/2" (89 mm) High

Complete w/Base
Ring Only
Base Only

P/N 6034

P/N 6035

P/N 6036



NOBIL-LINER Asbestos Substitute

- A Spun, Ceramic Casting Ring Liner • Asbestos-Free
 - 3" (76 mm) Wide x 50' (15.2 m) Long

Roll of Liner

P/N 6013



WELDING & SOLDERING INVESTMENT

- A Water-Mix Investment with Low Thermal Expansion Developed to Invest Cases for Soldering and Welding



5 lb (2.27 kg)
25 lb (11.4 kg)

P/N 2033

P/N 2034



SOLDER & WELDING ROD

- A Complete Line of Precious, Semi-Precious & Non-Precious Solders and Welding Rods



Precious Solder, 1 dwt

- Trilite Strip, 19K (1640°F/893°C) P/N 0305
- Trilite Post, 19K (1640°F/893°C) P/N 0308

Repair Solder

- Easy-Flow, Silver Color (1120°F/600°C) Prefluxed 6" (15 cm), 6 Stick Pkg P/N 0307
- Post Soldering, Low-Fusing, Non-Precious (1400°F/760°C) P/N 0410

Welding Rod

- Non-Precious, High-Fusing (2100°F/1150°C) 5 dwt (7.75 g) P/N 0408
- Welding Rod for Chrome-Cobalt (2100°F/1150°C) 1 tr oz (31.1 g) P/N 6015



FLUXES

- A Complete Line of Fluxes for Soldering, Welding and Casting
- Non-Precious, High-Fusing Flux Powder 2 oz (56.7 g) P/N 0409
- Non-Precious, Low-Fusing Flux Paste 2 oz (56.7 g) P/N 0411
- Casting & Welding Flux Powder Use with chrome-cobalt alloys. 4 oz (113 g) P/N 6008
- Fluoride Welding Flux Paste Use with chrome-cobalt, chrome-nickel and gold alloys. 4 oz (113 g) P/N 6021

TORCH CRUCIBLES

- Ceramic Crucibles for Use with Torches • Use with Non-precious and Semi-Precious Alloys



6009

6011

6010

- Slotted w/o Hole, Type 1A Ceramic Fits most conventional broken-arm casting machines. P/N 6009
- Hooded w/o Hole, Type 2 Ceramic Fits most conventional broken-arm casting machines. P/N 6010
- Slotted w/Hole, Type 3A Ceramic Fits Super-Arc machine when a pin is required. P/N 6011



CASTING & REPAIR SUPPLIES



INDUCTION CRUCIBLES

- Crucibles for Induction Casting Machines • Use with Non-Precious and Semi-Precious Alloys
- Large Ceramic Crucible
Use with chrome-cobalt alloys where a large capacity is required.
(Fits Electromatic, Super-Cast & Modular 5)
2 oz (60 g) P/N 6012
- Fused Silica Crucible
Use with chrome-cobalt alloys, high-fusing golds (2000°F+/1093°C), high-palladium and non-precious C & B alloys.
(Fits Mini-Cast, Super-Cast & Modular 3, 4 & 5)
1 1/2 oz (45 g) P/N 6037
- Fused Silica Crucible as 6037
1 1/2 oz (45 g), Pkg 3 P/N 6038
- Ceramic Crucible w/Zirconium Oxide Wash Lining
Use with nickel-chrome, high-fusing gold (2000°F+/1093°C), and high-palladium alloys.
(Fits Mini-Cast, Super-Cast & Modular 3, 4 & 5)
1 1/2 oz (45 g) P/N 6039
- Carbon Insert for 6039
Use with high & low-fusing gold alloys below (2000°F/1093°C).
(Fits Mini-Cast, Super-Cast & Modular 3, 4 & 5)
1 1/2 oz (45 g) P/N 65284
- Large Quartz Crucible
Use with high-fusing gold (2000°F+/1093°C), high-palladium and non-precious C & B alloys.
(Fits Electromatic, Super-Cast & Modular 5)
2 oz (60 g) P/N 6042



GRAPHITE INDUCTION CRUCIBLES

- Induction Casting Machine Type Crucibles for Use with Low-Fusing, High Gold Content Alloys
- Graphite Crucible, Complete
A 3-part crucible used primarily for low-fusing, gold alloys. Consists of 6044, 6045 & 6046. (Fits Mini-Cast, Super-Cast & Modular 3, 4 & 5)
1 1/2 oz (45 g) P/N 6043
- Ceramic Container Only P/N 6044
- Graphite Liner Only P/N 6045
- Ceramic Cover Only
Use with either 6043 or 6047 P/N 6046
- Large Graphite Crucible, Complete
A 2-part crucible with a permanent liner. Used both for low & high-fusing gold alloys below (2000°F/1093°C).
(Fits Mini-Cast, Super-Cast & Modular 3, 4 & 5)
2 1/2 oz (80 g) P/N 6047

MODULAR SERIES INDUCTION CRUCIBLES

- Designed to Work Best in Our Modular Series Induction Casting Machines • Also Works Well in Mini & Super-Casts



- Unlined Crucible
Use with chrome-cobalt and high-palladium alloys. Will also work with nickel-chrome and high-fusing gold alloys.
2.5 oz (80 g) P/N 4114
- Ti-Crucible w/Green Lining
Excellent for use with nickel-chrome alloys. Can also be used with high-palladium alloys.
1 1/2 oz (45 g) P/N 65046
- Crucible w/Tan Lining
Use with chrome-cobalt, nickel-chrome and high-palladium alloys. Can also be used with high-fusing porcelain gold alloys.
1 1/2 oz (45 g) P/N 4115
- Carbon-Lined Crucible
Use with low-fusing gold alloys below (2000°F/1093°C).
1 1/2 oz (45 g) P/N 4116

ABRASIVES





ABRASIVES



MOUNTED STONES

- For Finishing Chrome-Cobalt Alloys • Box of 72

Blue – Hard

Small Barrel, B-1	P/N 5006
Inverted Cone, B-2	P/N 5007
Tapered, B-3	P/N 5008
Umbrella, B-4	P/N 5009
Large Barrel, B-5	P/N 5010

Orange – Soft

Small Barrel, O-1	P/N 5011
Inverted Cone, O-2	P/N 5012
Tapered, O-3	P/N 5013
Large Barrel, O-5	P/N 5015

PREMIUM MOUNTED STONES

- For Finishing Chrome-Cobalt Alloys • Box of 72

White – Coarse Finishing

Small Barrel, W-1	P/N 5053
Inverted Cone, W-2	P/N 5054
Tapered, W-3	P/N 5055
Large Barrel, W-5	P/N 5057

Pink – Fine Finishing

Small Barrel, P-1	P/N 5058
Inverted Cone, P-2	P/N 5059
Tapered, P-3	P/N 5060
Large Barrel, P-5	P/N 5062



TRUING STONE

- Long-Lasting, Premium Quality Dressing Stick

Coarse P/N 5251

RUBBER WHEELS

- Grits for All finishing Requirements • Chrome-Cobalt, Non-Precious, Semi-Precious and Gold Alloys • Box of 100

Rubber Wheels – 7/8" Dia x 1/8" W (22 x 3 mm)

Blue, High-Glaze	P/N 5017
For chrome-cobalt, non & semi-precious alloys.	
Green, Coarse-Hard	P/N 5018
For chrome-cobalt alloys.	
Green, Coarse-Soft	P/N 5019
For chrome-cobalt alloys.	
Black, Hard	P/N 5045
For chrome-cobalt alloys.	
Grey, Medium-Hard	P/N 5063
For chrome-cobalt alloys.	
Red-Flexi, Medium	P/N 5065
For scratch removal & polishing gold alloys.	

Economy Rubber Wheels – 7/8" Dia x 1/8" W (22 x 3 mm)

Black, Coarse	P/N 5242
For chrome-cobalt alloys.	
Blue, High-Glaze	P/N 5244
For chrome-cobalt alloys.	
Red, Fine-Hard	P/N 5259
For chrome-cobalt alloys.	





RUBBER POINTS

- Grits for All Finishing Requirements • Chrome-Cobalt, Non-Precious, Semi-Precious & Gold Alloys • Box of 100

Rubber Points – 15/16" L x 1/4" Dia (24 x 6 mm)

Blue, High-Glaze	
For chrome-cobalt, non & semi-precious alloys.	P/N 5020
Green, Coarse-Soft	
For chrome-cobalt alloys.	P/N 5023
Black, Hard	
For chrome-cobalt alloys.	P/N 5046
Grey, Medium-Hard	
For chrome-cobalt alloys.	P/N 5068
Red-Flexi, Fine	
Soft & flexible for gold alloys.	P/N 5069

Economy Rubber Points – 7/8" L x 1/4" Dia (22 x 6 mm)

Red, Fine-Hard	
For chrome-cobalt alloys.	P/N 5258



ABRASIVE WHEELS

- Abrasive Wheels to Meet All Your Finishing Needs • A Size, Composition and Thickness to Satisfy Your Requirements for Chrome-Cobalt, Gold, Semi & Non-Precious Alloys • Box of 100

Separating Discs

Super-Thin – 7/8" x .009" (22 x .2 mm)	
For porcelain, gold & non-precious alloys.	
(Non-Contaminating, Silicone Carbide)	P/N 5077
High-Speed – 7/8" x .025" (22 x .6 mm)	
For chrome-cobalt alloys.	P/N 5001

Cut-Off Wheels

Heavy – 1 1/4" x .049" (32 x 1.2 mm)	
For chrome-cobalt alloys. (Aluminum Oxide)	P/N 5004
Thin – 1 1/4" x .032" (32 x .8 mm)	
For chrome-cobalt alloys. (Aluminum Oxide)	P/N 5005
Thick – 1 1/4" x .062" (32 x 1.6 mm)	
For chrome-cobalt alloys. (Aluminum Oxide)	P/N 5085
Thin – 1 1/2" x .025" (38 x .6 mm)	
For chrome-cobalt alloys. (Aluminum Oxide)	P/N 5086
Heavy – 1 1/2" x .040" (38 x 1 mm)	
For chrome-cobalt alloys. (Aluminum Oxide)	P/N 5087

Heatless Wheels, Box of 50

White, "Heat-Free" Fine Grit – 7/8" x 1/8" (22 x 3 mm)	
For all chrome alloys.	P/N 215

MANDRELS

- For All Unmounted Wheels & Points
- 3/32" (2.35 mm) Shank
- Package of 12



Cork Screw for Felt Cylinders	P/N 5030
Heavy Duty for Wheels	P/N 5031
Screw Type for Rubber Points	P/N 5033



DOUBLE-DIAGONAL CARBIDE BURS

- Quality "Coarse-Cut" Carbide Burs Used for Gross Grinding of Chrome-Cobalt, Plastics, Porcelain & Precious Metals
- 3/32" (2.35 mm) Shank

Tapered	P/N 5093
Round	P/N 5094
Round Barrel	P/N 5095
Blunt Cone	P/N 5096
Pointed Cone	P/N 5097
Flat Straight	P/N 5098
Round Straight	P/N 5099
Pointed Straight	P/N 5100

BUFF WHEELS

- Muslin Wheels for Finishing Acrylics with Pumice or Tripoli
- Package of 12

4" (102 mm) x 30 Ply	P/N 5168
4" (102 mm) x 42 Ply	P/N 5169





ABRASIVES



ABRASIVE BLASTING MEDIA

- An Abrasive for Every Department in the Laboratory

Silica Sand for Chrome-Cobalt	
100 lb (45.4 kg)	P/N 5037
Walnut Shell for Acrylics	
50 lb (22.7 kg)	P/N 5214
Aluminum Oxide for Non-Precious, C & B/Porcelain	
(Fine-Grit for Air Erasers, Non-Contaminating)	
5 lb (2.27 kg)	P/N 5215
25 lb (11.4 kg)	P/N 5216
50 lb (22.7 kg)	P/N 5217
Pumice – 35 lb (15.9 kg)	
Medium	P/N 5223

BRUSHES

- Highest Quality for Consistent, Reliable Results

Stainless Steel – Each	
2 1/2" (64 mm)	P/N 5035
Wood Center – Pkg 12	
B-20, Stiff Black Bristles	
2 1/2" (64 mm)	P/N 5202



BLACK DIAMOND "ALL-PURPOSE" POLISHING COMPOUND

- A "Premium" Polishing Compound that Works Extremely Well with Difficult to Shine Non-Precious Alloys

1 lb (454 g) P/N 400

POLISHING COMPOUNDS

- Quality Compounds for Polishing Chrome Alloys and Acrylics

Chrome Alloys

Dual-Purpose, White	
1/2 lb (227 g)	P/N 5027
High-Shine, Green	
1 lb (454 g)	P/N 5028
Prebuff, Grey	
1 lb (454 g)	P/N 5029

Acrylics

High-Gleam – 1 lb (454 g)	P/N 5200
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FELT POLISHERS

- Polishing Cylinders, Wheels and Cones

Felt Cylinders

1/4" Dia x 9/16" L (6 x 14 mm)	P/N 5024
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Felt Wheels

Hard Wheels – 1" Dia (25 mm)	P/N 5025
Soft Wheels – 1" Dia (25 mm)	P/N 5026

Felt Cones

1/2" Dia x 1" L (12 x 25 mm)	P/N 5229
3/4" Dia x 1 1/2" L (19 x 38 mm)	P/N 5230
1" Dia x 2" L (25 x 51 mm)	P/N 5231

CHROME POLISHING SOLUTIONS

- Two Quality Polishing Solutions for Chrome-Cobalt Alloys

Sulfuric Acid Base	
1 gal (3.79 ltr)	P/N 5016
Hydrochloric Acid Base	
1 gal (3.79 ltr)	P/N 6077



ACRYLICS





POLYSTAR ACRYLICS

PolyStar[®] PREMIUM DENTURE ACRYLICS



HEAT-CURE HC-9 Light-Veined Natural

- Perfect Color Match to the Industries Most Asked for Shade
- Impact Resistant • Cadmium-Free

30 Minute Curing Time: 212°F (100°C)

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Lt Vein Natural

P/N 8151
P/N 8152
P/N 8153

P/N 8154
P/N 8155
P/N 8156

SELF-CURE REPAIR SC-9 Light-Veined Natural

- Perfect Color Match for PolyStar Heat-Cure HC-9
- Impact Resistant • Cadmium-Free

30 Minute Curing Time: 131°F (55°C)

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Lt Vein Natural

P/N 8351
P/N 8352
P/N 8353

P/N 8354
P/N 8355
P/N 8356

POUR-TYPE P-9 Light-Veined Natural

- Perfect Color Match to the Industries Most Asked for Shade
- Suitable for Repairs & Relines

30 Minute Curing Time: 131°F (55°C)

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Lt Vein Natural

P/N 8251
P/N 8252
P/N 8253

P/N 8254
P/N 8255
P/N 8256



NOBILTONE DENTURE ACRYLICS

HEAT-CURE Light-Veined

- Dimensionally Accurate & Color Stable
- Always Life-Like Appearance

1 lb (454 g) Powder & 8 oz (237 cc) Liquid
5 lb (2.27 kg) Powder & 1 qt (946 cc) Liquid
25 lb (11.4 g) Powder & 1 gal (3.79 ltr) Liquid

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Lt Vein

P/N 7101
P/N 7109
P/N 7117

P/N 7133
P/N 7141
P/N 7149

P/N 7164
P/N 7165
P/N 7166

HEAT-CURE Afro-Veined

- Dimensionally Accurate & Color Stable
- Always Life-Like Appearance

1 lb (454 g) Powder & 8 oz (237 cc) Liquid
5 lb (2.27 kg) Powder & 1 qt (946 cc) Liquid
25 lb (11.4 g) Powder & 1 gal (3.79 ltr) Liquid

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Afro-Vein

P/N 7105
P/N 7113
P/N 7121

P/N 7137
P/N 7145
P/N 7153

P/N 7164
P/N 7165
P/N 7166

SELF-CURE REPAIR Light-Veined

- Exact Color Match to Heat-Cure

1 lb (454 g) Powder & 8 oz (237 cc) Liquid
5 lb (2.27 kg) Powder & 1 qt (946 cc) Liquid
25 lb (11.4 g) Powder & 1 gal (3.79 ltr) Liquid

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Lt Vein

P/N 7343
P/N 7351
P/N 7359

P/N 7375
P/N 7383
P/N 7391

P/N 7406
P/N 7407
P/N 7408

SELF-CURE REPAIR Afro-Veined

- Exact Color Match to Heat-Cure

1 lb (454 g) Powder & 8 oz (237 cc) Liquid
5 lb (2.27 kg) Powder & 1 qt (946 cc) Liquid
25 lb (11.4 g) Powder & 1 gal (3.79 ltr) Liquid

1 lb (454 g) Powder Only
5 lb (2.27 kg) Powder Only
25 lb (11.4 g) Powder Only

8 oz (237 cc) Liquid Only
1 qt (946 cc) Liquid Only
1 gal (3.79 ltr) Liquid Only

Afro-Vein

P/N 7347
P/N 7355
P/N 7363

P/N 7379
P/N 7387
P/N 7395

P/N 7406
P/N 7407
P/N 7408



IDP ACRYLICS

Ora-Tone Acrylics
Comply with
European Medical
Device Directive
93/42/EEC



HEAT-CURE Shade AX

- Color-Perfect Resin Closely Matching the Industry's Standard
- Cross-Linked & Individually Characterized



Shade AX

1 lb (454 g) Powder & 8 oz (237 cc) Liquid	P/N I2069
1 lb (454 g) Powder & 8 oz (237 cc) Liquid, Box of 10	P/N I2010
25 lb (11.4 g) Powder & 3 x 1/2 gal (1.89 ltr) Liquid	P/N I2024
1 lb (454 g) Powder Only	P/N I2002
25 lb (11.4 g) Powder Only	P/N I2016
8 oz (237 cc) Liquid Only	P/N I2006
8 oz (237 cc) Liquid Only, Box of 8	P/N I2007
1/2 gal (1.89 ltr) Liquid Only	P/N I2020
1/2 gal (1.89 ltr) Liquid Only, Box of 3	P/N I2021



SELF-CURE REPAIR Shade AX

- Exact Color Match to Ora-Tone Heat-Cure Acrylic
- Cross-Linked & Internally Pigmented

1 lb (454 g) Powder & 8 oz (237 cc) Liquid	P/N I3025
1 lb (454 g) Powder & 8 oz (237 cc) Liquid, Box of 10	P/N I3008
25 lb (11.4 g) Powder & 3 x 1/2 gal (1.89 ltr) Liquid	P/N I3021
1 lb (454 g) Powder Only	P/N I3001
25 lb (11.4 g) Powder Only	P/N I3013
8 oz (237 cc) Liquid Only	P/N I3005
8 oz (237 cc) Liquid Only, Box of 8	P/N I3006
1/2 gal (1.89 ltr) Liquid Only	P/N I3017
1/2 gal (1.89 ltr) Liquid Only, Box of 3	P/N I3018

Perfex Acrylics
Comply with
European Medical
Device Directive
93/42/EEC





IMPAK Acrylics
Comply with
European Medical
Device Directive
93/42/EEC



IMPAK-PF (Pink-Fibered) "NEW" for Hybrid Dentures

- **Hybrid Denture** – Traditional Hard Acrylic for Denture Teeth Matrix, IMPAK-PF for Soft, Flexible Flanges
- **Stabilized Lower Full Dentures** – Engage Previously Unusable Posterior Lingual Undercuts
- **Pink-Fibered** – Matches Popular Hard Acrylic Shades
- **Excellent Bond** – Adheres Well to Traditional Acrylics
- **Adjustable Softness** – Alterable Powder/Liquid Ratio
- **Added Comfort** – Minimal Patient Adjustment Period
- **Economical Start-Up** – No Special Equipment Required

Pink Fibered

1 lb (454 g) & 11 oz (325 cc) P & L	3749
6 lb (2.72 kg) & 1/2 gal (1.89 ltr) P & L	3750
1 lb (454 g) Powder Only	3311
6 lb (2.72 kg) Powder Only	3312
11 oz (325 cc) Liquid Only	3314
1 qt (946 cc) Liquid Only	3316
1/2 gal (1.89 ltr) Liquid Only	3315

Meharry

1 lb (454 g) & 11 oz (325 cc) P & L	3751
1 lb (454 g) Powder Only	3317
(Use Same Liquid as Pink-Fibered Above)	

IMPAK (Transparent) Mouth Guards & Hard Bite Splints

- **Time-Tested** – Over 900,000 Appliances Fabricated
- **Economical Start-Up** – No Special Equipment Needed
- **Adjustable Softness** – Alterable Powder/Liquid Ratio
- **Excellent Bond** – Adheres Well to Traditional Acrylics
- **Reduced Labor** – Minimal Adjustment to Fit Master
- **Reduced Chair Time** – Little or No DDS Adjustment
- **Patient Comfort** – Effortless, Pain-Free Insertion
- **Everlasting Fit** – Soft Retention for Easy Repositioning
- **Athlete Safety** – Custom Fit & Comfort for All Activities

Transparent

1 lb (454 g) & 11 Oz (325 cc) P & L	3746
6 lb (2.72 kg) & 1/2 gal (1.89 ltr) P & L	3300
1 lb (454 g) Powder Only	3747
6 lb (2.72 kg) Powder Only	3305
11 oz (325 cc) Liquid Only	3748
1 qt (946 cc) Liquid Only	3306
1/2 gal (1.89 ltr) Liquid Only	3310

Repair Liquid

1 qt (946 cc) Liquid Only	3319
(Use with All Impak Powders)	



ACRYLIC ACCESSORIES



NOBILSHIELD

- A "Premium" Restoration Separator That Prevents Moisture Contamination
- Insures Minimum Deflasking Time and Investment Removal

1 ltr (33.8 oz)

P/N 7459



POUR ACRYLIC FLASK

- Specially Designed Cooling Base to Insure Accurate Colloid Duplications

Pour Acrylic Flask

P/N 7449

SEPARATING MEDIUM

- Provides a Trouble-Free, Reliable Barrier Between Acrylic and Stone or Plaster

1 gal (3.79 ltr)

P/N 7022



TOOTH BASKET

- Compartmented Tooth Basket Keeps Teeth in Proper Order During Cleaning

Tooth Basket

P/N 7447



CANAL CUTTERS

- 3 Different Sizes for Sprue Canals & Vents

Sprue Canal Cutters

P/N 7448

FLEXOR POLISHING WHEELS

- For Finishing Soft Acrylics

Flexor Wheels, Pkg 6

P/N 7460P6



MAXI POUR-CURE 8 Acrylic Curing Pressure Vessel

- Large 8-Flask, High Volume Capacity

See Page 47 for Details

Maxi Pour-Cure 8

P/N 7446

DENTAL LABORATORY EQUIPMENT



Alternate voltages and cycles are available on many models to meet your individual requirements. Please inquire with customer service as prices may vary.



ELECTRONIC CASTING MACHINES



Standard
Electronic Eye
for Precise
Consistency

MODULAR MAX

HIGH-CAPACITY INDUCTION CASTING

Precise • Versatile • Consistent

- Fully-Automatic for Precise Consistency • Standard, Integrated Electronic Eye
- Casts Non-Precious, Semi-Precious & Precious Alloys in *Less Than 60 Seconds*
- Solid-State Circuitry Throughout (No tubes!) • Temperature/Heat Soak Control
 - Large 2 oz (60 g) Capacity • Adjustable Cradle for Variable Flask Sizes
 - Positive "Air-Lift" Coil • Safety Control Arm (Arm Will NOT Spin When Cover is Up!)

Modular Max

P/N 2005M

SPECIFICATIONS

Item: Modular Max	Width: 26" (66 cm)
Electrical: 230V/60 Hz, 17 Amps	Depth: 29" (74 cm)
Height: 41" (104 cm) w/Electronic Eye	Shipping Wt: 373 Lb (169 Kg)



MODULAR 4

INDUCTION CASTING MACHINE

Precise • Versatile • Consistent

- Semi-Automatic for Excellent Consistency • Standard, Integrated Electronic Eye
 - Casts Non-Precious, Semi-Precious & Precious Alloys in Just *60 Seconds*
 - Solid-State Circuitry Throughout (No tubes!) • Self-Contained Water Cooling System
 - Adjustable Cradle for Variable Flask Sizes • Safety Control Arm (Arm Will NOT Spin When Cover is Up!) • Small, Compact Design

Modular 4

P/N 2004M

SPECIFICATIONS

Item: Modular 4	Width: 23 1/2" (60 cm)
Electrical: 230V/60 Hz, 20 Amps	Depth: 27" (69 cm)
Height: 41" (104 cm) w/Electronic Eye	Shipping Wt: 364 Lb (165 Kg)





*Program mable
Control*

Heavy-Duty, 18 & 45 Case GAS BURNOUT FURNACE Complete w/Fully-Programmable Controls

- Heavy Cast Iron Construction • Fused-Quartz Hearth Plate
- 4 1/2" Firebrick Insulation with 1" Additional Block Insulation
- Programmable Temperature Control & Gasline Pressure Gauge

18-Case Gas Furnace (Natural Gas)
18-Case Gas Furnace (Propane)
45-Case Gas Furnace (Natural Gas)

P/N 8008AH
P/N 8008AHL P
P/N 8007H

SPECIFICATIONS

Item: 18-Case Furnace	Width: 24" (61 cm)
Electrical: 115V/60 Hz	Depth: 26" (66 cm)
Height: 61" (155 cm)	Shipping Wt: 700 Lb (318 Kg)
Muffle Size: 14" H x 14" W x 9 1/2" D (35.6 x 35.6 x 24 cm)	
Item: 45-Case Furnace	Width: 50" (127 cm)
Electrical: 115V/60 Hz	Depth: 33" (84 cm)
Height: 80" (203 cm)	Shipping Wt: 950 Lb (431 Kg)
Muffle Size: 11" H x 17 1/2" W x 14 1/2" D (28 x 44.5 x 37 cm)	

Ruggedly-Constructed 9 & 18 Case ELECTRIC BURNOUT FURNACE Laboratory-Tested for Reliability

- Stainless Steel & Cast Iron Construction • Both Door & Top Vents
- Digital Temperature Control • 4" (10 cm) Heavy-Duty Insulation
- Only 3" (7.6 cm) of Air Space Required Around Outside of Oven
 - 2300°F (1260°C) Maximum Temperature

9-Case Electric Furnace
18-Case Electric Furnace

P/N 407812
P/N 407912



*Large, Easy
Access Muffle*

SPECIFICATIONS

Item: 9-Case Electric Furnace	Width: 22" (56 cm)
Electrical: 230V/60 Hz, 8 Amps, 1800 W	Depth: 19" (48 cm)
Height: 18.5" (47 cm)	Shipping Wt: 95 Lb (43 Kg)
Muffle Size: 6 1/2" H x 9" W x 10" D (17 x 23 x 25 cm)	

SPECIFICATIONS

Item: 18-Case Electric Furnace	Width: 25" (64 cm)
Electrical: 230V/60 Hz, 20 Amps, 4800 W	Depth: 21" (53 cm)
Height: 20" (51 cm)	Shipping Wt: 140 Lb (63.5 Kg)
Muffle Size: 8" H x 12" W x 12" D (20 x 30 x 30 cm)	



AUTO DUPLICATING MACHINES



3 Gallon, Fully-Automatic HYDROCOLLOID DUPLICATOR Agar-Type Dispenser

- Chops, Cooks, Conditions & Returns Hydrocolloid to Storage Temperature in Approximately 2 Hours • 3 Gallon (11.4 Liter) Capacity • Constant Digital Temperature Readout • Convenient, Lighted Pour Area • Unique Dispensing Valve Insures Trouble-Free Pouring • Air-Cooled: No Water or Drain Connections Required • Compact Tabletop Design: Less than 2.3 Square Feet of Counter Space

3 Gallon, Fully-Automatic Duplicator

P/N 407311

SPECIFICATIONS

Item: 3 Gallon Duplicator	Width: 17 1/2" (44 cm)
Electrical: 115V/60 Hz*	Depth: 18 3/4" (48 cm)
Height: 27" (69 cm)	Shipping Wt: 76 Lb (34.5 Kg)

**Alternate voltages & cycles are available on request. Please inquire.*

2 Gallon, Semi-Automatic HYDROCOLLOID DUPLICATOR Agar-Type Dispenser

- Cooks, Mixes, Conditions & Returns Hydrocolloid to Storage Temperature
- 2 Gallon (7.6 Liter) Capacity • Independent Temperature Controls • Constant Digital Temperature Readout • Heated Dispensing Valve to Aid in Trouble-Free Pouring • Air-Cooled: No Water or Drain Connections Required • Compact Tabletop Design: Less than 1.4 Square Feet of Counter Space

2 Gallon, Semi-Automatic Duplicator

P/N 405811

SPECIFICATIONS

Item: 2 Gallon Duplicator	Width: 14" (36 cm)
Electrical: 115V/60 Hz*	Depth: 14" (36 cm)
Height: 27" (69 cm) w/Electronic Eye	Shipping Wt: 50 Lb (22.7 Kg)

**Alternate voltages & cycles are available on request. Please inquire.*





Variable, Hi-Speed DEMCO POLISHER/GRINDER

- Variable-Speed Control Allows Speed Changes in Seconds • Finish Gold or Chrome on the Same Machine • Fully-Automatic Spindle • Positive Traction Polyflex Duo-Belt Eliminates Slippage • Two High-Intensity Lights Provide Excellent Illumination of Work Area • Tinted Safety Glass for Glare Elimination & Visual Protection • Large, Screened Suction Port

Variable-Speed Polisher/Grinder

P/N B1

SPECIFICATIONS

Item: Variable-Speed Grinder	Width: 11 5/16" (28.7 cm)
Electrical: 115V/60 Hz*	Depth: 11 9/16" (29.4 cm)
Height: 9 1/4" (23.5 cm)	Shipping Wt: 32 Lb (14.5 Kg)



2-Speed DEMCO POLISHER/GRINDER

- 2-Speeds for Versatile Operation • Fully-Automatic Spindle • Positive Traction Polyflex Duo-Belt Eliminates Slippage • Two High-Intensity Lights Provide Excellent Illumination of Work Area • Tinted Safety Glass for Glare Elimination & Visual Protection • Large, Screened Suction Port

2-Speed Polisher/Grinder

P/N E96

SPECIFICATIONS

Item: 2-Speed Grinder	Width: 10 1/4" (26 cm)
Electrical: 115V/60 Hz*	Depth: 12 3/4" (32.4 cm)
Height: 11" (28 cm)	Shipping Wt: 34 Lb (15.4 Kg)



AUTOMATIC SPINDLE

- Precision Machined • Quiet

Auto Spindle	P/N DS1
Auto Spindle (B1)	P/N S1B



**Alternate voltages & cycles are available on request. Please inquire.*



Optional
Wide Mouth
Scoop for
Handpiece Use

Portable DEMCO DUST COLLECTOR

- Completely Portable – Transport Wherever Job is Located • Use in Either Horizontal or Vertical Position • Powerful 10 Amp, Thermal-Protected Motor w/2-Stage Blower • Positive 96 CFM Pulling Power • Reusable Cloth Filter Bag • 6' (1.83 m) Suction Hose

Portable Dust Collector

P/N D1

SPECIFICATIONS

Item: Portable Dust Collector	Width: 15 5/8" (39.7 cm)
Electrical: 115V/60 Hz*	Depth: 11 3/4" (29.8 cm)
Height: 8 1/2" (21.6 cm)	Shipping Wt: 34 Lb (15.4 Kg)



VIBRATOR, SHELL/SANDBLASTER & MODEL DRYING OVEN



18 to 24 Ring Capacity VIBRATOR

- Extra-Large, 18-24 Ring Capacity • Variable Vibration Control • Suction Cup Feet Prevent Base Movement • Easy-to-Clean, Removable Rubber Tray Mat • Compact, Low-Profile to Maximize Bench Space

24 Ring Vibrator

P/N 406111

SPECIFICATIONS

Item: 24 Ring Vibrator
Electrical: 115V/60 Hz
Height: 5" (13 cm)

Width: 23 1/2" (60 cm)
Depth: 15 3/4" (40 cm)
Shipping Wt: 61 Lb (28 Kg)

Heavy-Duty SHELL/SANDBLASTER

- Compact, Vertical Design Occupies Less than 2 1/4 Square Feet of Floor Space
- Walnut Shell & Sand Operation[†] • Built-In Suction & Dust Collection System
- Hands-Free Operation via Convenient Foot Switch • Large Viewing Glass & Bright Internal Lighting • 4-6 Cubic Feet /Minute at 80-100 PSI Air Requirement

Shell/Sandblaster

P/N 8017

SPECIFICATIONS

Item: Shell/Sandblaster
Electrical/Air: 115V/60 Hz*/80-100 PSI
Height: 51" (130 cm)

Width: 16" (41 cm)
Depth: 19" (48 cm)
Shipping Wt: 137 Lb (62 Kg)

[†]Glass micro-beads (about 300 mesh) may be used with only a slight adjustment.
*Alternate voltages & cycles are available on request. Please inquire.



Bright Lighting & Anti-Static Gloves



Extra-Large Blast Resistant Viewing Glass



Pull-Out Tray for Fast Cleaning



Extra-Large MODEL DRYING OVEN

- Dries Refractory Models Prior to Rosin Dipping
- Approximately 20 Model Capacity • Adjustable Damper • Built-In Thermostat • Complete with Two Shelves & Glass Thermometer • Stainless Steel Cabinet

Model Drying Oven

P/N 405511

SPECIFICATIONS

Item: Model Drying Oven
Electrical: 115V/60 Hz*
Height: 5" (13 cm)

Width: 23 1/2" (60 cm)
Depth: 15 3/4" (40 cm)
Shipping Wt: 61 Lb (28 Kg)

*Alternate voltages & cycles are available on request. Please inquire.



DIP HEATER, ELECTRO-POLISHER & ELECTRIC SOLDERING



45

EQUIPMENT



Thermostatically-Controlled ROSIN DIP HEATER

- Melts & Holds Rosin Dips at Their Optimum Working Temperature
- Positive, Thermostatic Control • Reliable, Uniform Heating Throughout Pot
- Maximum Capacity of 1 Gallon (3.79 Liter)

Rosin Dip Heater

P/N 8004

SPECIFICATIONS

Item: Rosin Dip Heater	Width: 9 1/2" (24 cm)
Electrical: 115V/60 Hz*	Depth: 9 1/2" (24 cm)
Height: 9 1/2" (24 cm)	Shipping Wt: 17 Lb (7.7 Kg)

**Alternate voltages & cycles are available on request. Please inquire.*

Timer-Controlled ELECTRO-POLISHER

- Eliminates Mechanical Polishing on the Tissue Side of Case • Provides Excellent Working Surface for Quicker Final Polishing • Timer Prevents Over Polishing • Available in Both Chrome-Cobalt & Nickel-Chrome Configurations • Complete with Bowls, Tray & Clips

Chrome-Cobalt Electro-Polisher
Nickel-Chrome Electro-Polisher

P/N 8018
P/N 3155

SPECIFICATIONS

Item: Electro-Polisher	Width: 7" (18 cm)
Electrical: 115V/60 Hz*	Depth: 6 1/2" (17 cm)
Height: 5 1/2" (14 cm)	Shipping Wt: 25 Lb (11.4 Kg)

**Alternate voltages & cycles are available on request. Please inquire.*



Compact, Hands-Free ELECTRIC SOLDERING MACHINE

- Ideal for Most Light to Heavy Soldering of Both Precious & Non-Precious Alloys
- 10 Heat Ranges to Enhance Operator Control • Hands-Free Operation via Convenient Foot Switch • Complete with 8 Working Accessories

Electric Soldering Machine

P/N 8035



SPECIFICATIONS

Item: Electric Soldering Machine	Width: 7" (18 cm)
Electrical: 115V/60 Hz*	Depth: 6 1/2" (17 cm)
Height: 5 1/2" (14 cm)	Shipping Wt: 10 Lb (4.5 Kg)

**Alternate voltages & cycles are available on request. Please inquire.*



TABLETOP POLISHER, DIE SAW & WET MODEL TRIMMER



2-Station, Tabletop POLISHING LATHE w/Environmentally-Safe Exhaust System

- Whisper-Quiet Exhaust System Protects the Technician from Investment, Stone & Other Airborne Casework Materials • Individual Lighting & Suction Switches • Extra-Large Work Stations • Easy-to-Clean Eye Shields for Protection • High-Intensity Lighting • Non-Corroding, Solid Rubber Work Trays • Stainless Steel Work Area • Reliable, 2-Speed Speed Motor

Polishing Lathe

P/N 406511

SPECIFICATIONS

Item: Polishing Lathe	Width: 26 1/2" (67 cm)
Electrical: 115V/60 Hz – 10 Amp	Depth: 21 1/4" (54 cm)
Height: 19 3/4" (50 cm)	Shipping Wt: 145 Lb (66 Kg)

Portable, Tabletop Design PRECISION DIE SAW w/2-Handed Operation

- Ideal for All Types of Plaster, Investment & Resin Models • Provides Smooth, Rapid .2 mm Cuts • Safe, 2-Handed Operation • Electromagnetic Positioning Platform with Saw Safety Cut-Off (Saw Will Not Spin When Magnet is Off) • Durable, Synthesized Diamond Blade • Halogen Lighted Work Area • Safety Eye Shield • Internal Aspirator with Disposable Dust Bag • Portable, Tabletop Design

Precision Die Saw

P/N 407411

SPECIFICATIONS

Item: Precision Die Saw	Width: 10" (25.5 cm)
Electrical: 115V/60 Hz	Depth: 15" (38 cm)
Height: 14 1/2" (36 cm)	Shipping Wt: 65 Lb (29.5 Kg)



Quiet, Precision Grinding WET MODEL TRIMMER

- Ideal for Trimming All Types of Plaster, Investment & Stone Models • Quiet, Reliable 1/3 HP High-Torque Motor • Automatic Water Activation (Water Starts When Trimmer Activated) • 10" (25.4 cm) Reversible Stone Grinding Wheel • Adjustable Aluminum Work Table • Water Supply & Evacuation Hoses Provided

Wet Model Trimmer

P/N 406612



SPECIFICATIONS

Item: Wet Model Trimmer	Width: 12 1/2" (32 cm)
Electrical: 115V/60 Hz	Depth: 13 1/2" (34 cm)
Height: 13 3/4" (35 cm)	Shipping Wt: 46 Lb (21 Kg)



Self-Contained MAXI POUR-CURE 8 Curing Pressure Vessel

- For Thorough Curing of All Self-Polymerizing Denture Resins
- Constant Temperature & Pressure Control • 8-Flask, High Volume Capacity • Adjustable Water Level • 3 Timer Settings – 10/15/20 Minutes
- Safety Pressure Release • Digital Temperature Readout

Maxi Pour-Cure 8

P/N 7446

SPECIFICATIONS

Item: Maxi Pour-Cure 8	Width: 21 1/2" (55 cm)
Electrical: 115V/60 Hz*, 2300 Watts	Depth: 20" (51 cm)
Height: 16 1/2" (42 cm)	Shipping Wt: 128 Lb (58 Kg)



POUR DENTURE SYSTEM ACCESSORIES

- Compartmented Tooth Basket
- 3 Different Sprue Canal Cutters
- Pour Flask with Specially Designed Cooling Base to Insure Accurate Colloid Duplications



Tooth Basket
Sprue Canal Cutters
Pour Acrylic Flask

P/N 7447
P/N 7448
P/N 7449

Precision BROKEN-ARM SURVEYOR

- Heavy Cast Aluminum w/Chrome Floating Arm Shaft & Base Cover
- Comes Complete with Locking, Tilt-Top Table w/ Model Clamps and 6 Accessory Tools Stored Under the Arm Shaft Cap

Broken-Arm Surveyor

P/N 8001

SURVEYOR ACCESSORIES

Accessory Tool Kit (P5-P10)	P/N 8111	.010" Undercut Gauge Only	P/N 65183P7
Replacement Carbons, Pkg 3	P/N 65183P4	.020" Undercut Gauge Only	P/N 65183P8
Analyzing Rod Only	P/N 65183P5	.030" Undercut Gauge Only	P/N 65183P9
Carbon Marker Only	P/N 65183P6	Blockout Knife Only	P/N 65183P10



SPECIFICATIONS

Item: Broken-Arm Surveyor	Width: 7 1/2" (19 cm)
Electrical: N/A	Depth: 8 1/4" (21 cm)
Height: 12" (31 cm)	Shipping Wt: 10 Lb (4.5 Kg)

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Mouth Guards, Bruxism Splints And Now A Revolutionary “Soft” Hybrid Acrylic Denture



IMPAK Transparent **MOUTH GUARDS & HARD BITE SPLINTS**

- **Patient Comfort** – Unique memory due to thermoelastic properties
- **Adjustable Softness** – Alterable powder/liquid ratio gives technician complete control
- **Time-Tested** – Over 900,000 appliances fabricated worldwide
- **Economical Start-Up** – No special lab equipment required for processing

IMPAK-PF (Pink-Fibred) **“NEW” FOR HYBRID DENTURES**

- **Hybrid Denture** – Traditional hard acrylic for denture teeth matrix, IMPAK-PF for soft, flexible flanges
- **Stabilized Lower Full Dentures** – Engage previously unusable posterior lingual undercuts
- **Pink-Fibred** – Matches most popular hard acrylic shades
- **Strong Bond** – Excellent adherence to all popular hard acrylics



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DIE STONE

- Hard & Durable with Minimum Expansion

Initial Setting Time: 6-8 Minutes
Final Setting Time: 10-12 Minutes

100 lb (45.4 kg) Pink Die Stone
100 lb (45.4 kg) Yellow Die Stone

P/N 2020-100P
P/N 2020-100Y



NOBILIUM ALLOY PHYSICAL PROPERTIES CHART

Name	Application	Composition%	Color	Fusion Range °F/°C	Casting Temp °F/°C	Hardness	Density g/cc	Mechanical Properties	Solder	Investments	Burnout Temp °F/°C	Casting
NobilStar Ingot Alloy	Partial Dentures	Cobalt: 65 Chromium: 27.5 Molybdenum: 5.5	Gray	2430-2485 (1332-1363)	2750 (1510)	Vickers 430	8.20	Ultimate: 122960 psi, 848 MPa Proof Stress: 92800 psi, 640 MPa Elongation: 9.0% Modulus of Elasticity: 193 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
NobilStar "Ultra" Ingot Alloy	Partial Dentures	Cobalt: 64 Chromium: 28.5 Molybdenum: 5.25	Gray	2430-2485 (1332-1363)	2750 (1510)	Vickers 348	8.30	Ultimate: 142100 psi, 980 MPa Proof Stress: 93500 psi, 645 MPa Elongation: 13.0% Modulus of Elasticity: 215 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
Regular Ingot Alloy	Partial Dentures	Cobalt: 62 Chromium: 30 Molybdenum: 6	Gray	2425-2450 (1329-1343)	2650 (1454)	Vickers 431	8.38	Ultimate: 111300 psi, 767 MPa Proof Stress: 85950 psi, 592 MPa Elongation: 3.5% Modulus of Elasticity: 186 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
Hard Ingot Alloy	Partial Dentures	Cobalt: 62 Chromium: 30 Molybdenum: 6	Gray	2425-2450 (1329-1343)	2650 (1454)	Vickers 444	8.36	Ultimate: 121000 psi, 834 MPa Proof Stress: 88600 psi, 611 MPa Elongation: 3.0% Modulus of Elasticity: 186 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
Economy Ingot Alloy	Partial Dentures	Cobalt: 65 Chromium: 28 Molybdenum: 6	Gray	2430-2485 (1332-1363)	2650 (1454)	Vickers 439	8.11	Ultimate: 119500 psi, 824 MPa Proof Stress: 8497 psi, 586 MPa Elongation: 3.0% Modulus of Elasticity: 206 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
Super Ingot Alloy	Partial Dentures	Cobalt: 62 Chromium: 30 Molybdenum: 6	Gray	2425-2450 (1329-1343)	2650 (1454)	Vickers 430	8.42	Ultimate: 114100 psi, 787 MPa Proof Stress: 86100 psi, 593 MPa Elongation: 3.6% Modulus of Elasticity: 186 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
Cobachrome Splash Alloy	Partial Dentures	Cobalt: 64 Chromium: 29 Molybdenum: 5.5	Gray	2430-2485 (1332-1363)	2700 (1482)	Vickers 410	8.11	Ultimate: 110800 psi, 764 MPa Proof Stress: 80500 psi, 565 MPa Elongation: 3.5% Modulus of Elasticity: 189 GPa	Nobilium Weld Rod	Green Stripe Purple Stripe Red Stripe Yellow Stripe	1800-1850 (982-1010)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
NobilCeram Ceramic C & B Alloy	Crown & Bridge; Porcelain Fused to Metal	Cobalt: 63.5 Chromium: 29 Molybdenum: 3.0	Gray	2400-2475 (1316-1357)	2600 (1427)	Vickers 320	8.30	Ultimate: 102500 psi, 706 MPa Proof Stress: 70700 psi, 487 MPa Elongation: 5.5% Coefficient of Thermal Expansion: 14.6×10^{-6} m/m/°C	NPX-III Weld Rod NPX-III Solder	CB-30 High-Heat CB-30 MicroFire	1550-1600 (843-871)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
NPX-III Ceramic C & B Alloy	Crown & Bridge; Porcelain Fused to Metal	Nickel: 76.5 Chromium: 14 Molybdenum: 4.5 Beryllium: 1.6	Gray	2270-2370 (1243-1298)	2525 (1385)	Vickers 350	8.00	Ultimate: 147000 psi, 1013 MPa Proof Stress: 113700 psi, 784 MPa Elongation: 9.0% Coefficient of Thermal Expansion: 14.39×10^{-6} m/m/°C	NPX-III Weld Rod NPX-III Solder	CB-30 High-Heat CB-30 MicroFire	1550-1600 (843-871)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch
BF Ceramic C & B Alloy	Crown & Bridge; Porcelain Fused to Metal	Nickel: 77 Chromium: 11.5 Molybdenum: 3.5	Gray	2200-2400 (1204-1316)	2600 (1427)	Vickers 363	8.41	Ultimate: 105000 psi, 724 MPa Proof Stress: 80000 psi, 510 MPa Elongation: 5.0% Coefficient of Thermal Expansion: 13.8×10^{-6} m/m/°C	NPX-III Weld Rod NPX-III Solder	CB-30 High-Heat CB-30 MicroFire	1550-1600 (843-871)	Induction, Motor Driven or Manual Casting Machine, Oxy/Acet Torch



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