



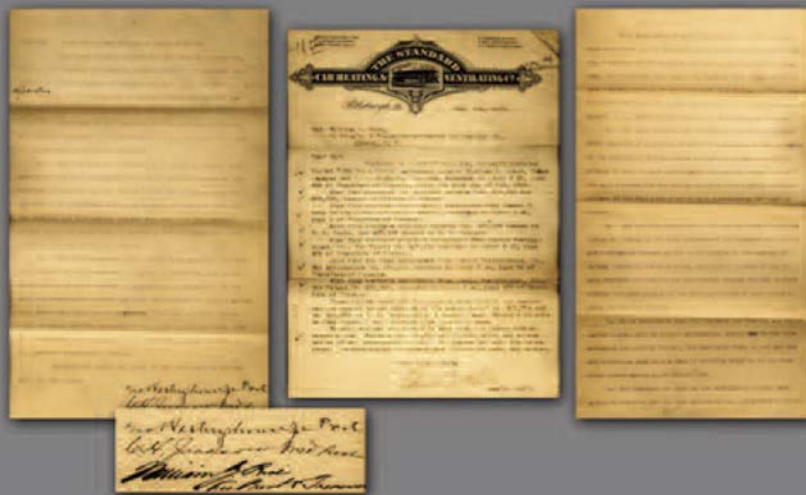
# ABOUT NOBILIUM

## OUR MISSION: TO HAVE A POSITIVE IMPACT ON PATIENT HEALTH

For over 80 years, Nobilium has been a major manufacturer and provider of dental materials and equipment. Nobilium products are distributed in the USA and to more than 70 countries around the world. Nobilium is among the world's leading manufacturers and suppliers of materials, equipment and services for complete dentures, partial dentures and crowns and bridges. Nobilium moved headquarters from Albany NY. to Los Angeles, CA. in 2019.



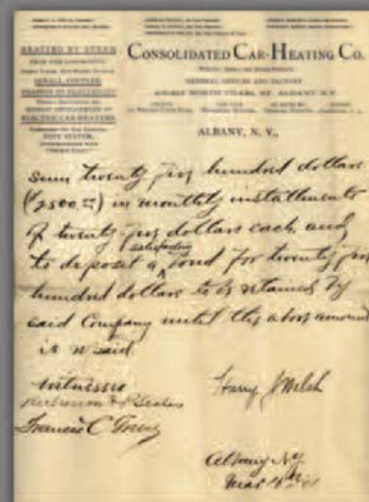
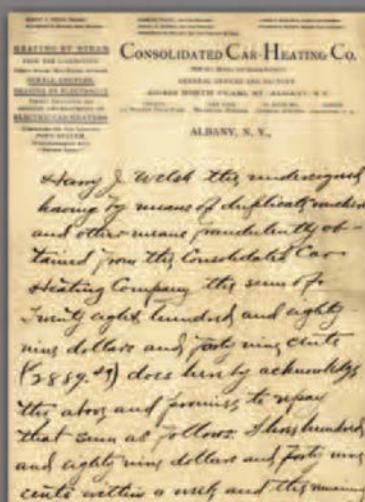
George Westinghouse



We started as an innovator during the dawn of the American Industrial Age as The Consolidated Car Heating Company by George Westinghouse (Left)



James Roosevelt (right) was a founding stockholder. His son, Franklin (left), was the 32nd President of the United States.



The company evolved from making passenger rail car heaters to metal fabrications to dental alloys. Ticonium™ was the company's first dental brand, then acquisitions of the companies Nobilium® and Demco™ allowed it to grow into a leader of prosthetic dental materials and equipment.

# TABLE OF CONTENTS



- Teeth
- Digital CAD/CAM Equipment
- Digital CAD/CAM Materials
- Clinical Products
- Duplicating Materials
- Partial Denture Alloys
- Partial Denture Investments
- Phosphate RPD Investments; Stone & Plasters
- Investment Accessories
- Plastic Preform Patterns
- Waxes
- Crown & Bridge Alloys & Investments
- Casting & Repair Supplies
- Abrasives & Polishing
- Flexible Partial Denture Resins
- Denture Base Acrylics
- Equipment



# TEETH

## **NOBILDENT™** *MASSAD®* NOBILDENT PREMIUM EPN

- ❖ Lifelike aesthetics 4-layer premium denture teeth
- ❖ 68 total moulds to choose from, 32 anterior moulds
- ❖ Library available in 3Shape software for CAD/CAM
- ❖ I-mould teeth with wider necks for implant supported dentures
- ❖ Freedom in centric posterior design
- ❖ Excellent wear-resistance with EPN™



Click to  
order

Download  
mould chart etc.

More about  
NOBILDENT



## **NOBILDENT™** *NOBILDENT* NOBILDENT PRIME DXL

- ❖ 18 shades include extra bleach A00
- ❖ 29 moulds fits to all facial shapes
- ❖ Digital library available in popular CAD software, e.g. 3Shape etc.
- ❖ Good wear-resistance with DXL™
- ❖ Excellent work as your house brand teeth



Click to  
order

Download  
mould chart etc.

More about  
NOBILDENT



# 3shape



## BlueSkyBio



# DIGITAL CAD/CAM EQUIPMENT



## NOBIL-Ti HIGH SPEED TITANIUM MILLING SYSTEM FOR FRAMEWORKS

- ❖ Milling frameworks from titanium blank
- ❖ Excellent fit due to 100% digital process
- ❖ Excellent biocompatibility
- ❖ High efficiency – scan, design, mill, finish
- ❖ Less time and lower cost

P/N

DT-4000S



## NOBIL-X5 DRY MILLING SYSTEM

- ❖ 5-axis milling machine designed for milling hard materials at high speed
- ❖ Industrial reinforced design enables 24/7 continuous working capability
- ❖ Water chilled spindle cools burs and prolong the life of spindle

P/N

NOBILX5



## EDEN 260VS DENTAL ADVANTAGE 3D PRINTER

- ❖ Build size, a maximum print size of 10.0 x 9.9 x 7.9in
- ❖ Horizontal layers as fine as 16 microns (0.0006in)
- ❖ 100% cure while high speed printing
- ❖ The lowest cost per part through improved automation
- ❖ Work with 4 dental specific materials types

P/N

9010DS

# DIGITAL CAD/CAM MATERIALS

## NOBIL-Ti™ Titanium Milling Blanks



- ❖ Commercial pure titanium blank for milling
- ❖ Lightweight, biocompatible
- ❖ Each blank can mill 8-10 frames

NOBIL-TI BLANK 220X150X15mm	P/N TA2-15
NOBIL-TI BLANK 220X150X19mm	P/N TA2-19
NOBIL-TI BLANK 220X150X21mm	P/N TA2-21
NOBIL-TI BLANK 220X150X25mm	P/N TA2-25

Composition	Type	Proof Stress	Density	Elongation	Melt Point
99% Ti, <1% Fe	Type 4	0.2%: 405 MPa	4.52 g/cm <sup>2</sup>	0.22	3034 oF (1668 oC)

## NOBIL-Ti™ Titanium Milling Burs



- ❖ Tungsten Steel burs for Co-Cr & titanium milling
- ❖ Long life – up to 800 minutes per burs
- ❖ Special abrasion geometric design for heavy duty

DT4000 TOOL R4.0	P/N DTBR40
DT4000 TOOL R2.5	P/N DTBR25
DT4000 TOOL R1.5	P/N DTBR15
DT4000 TOOL R1.0	P/N DTBR10
DT4000 TOOL R0.5	P/N DTBR05

## Biosens Hypoallergenic Thermoplastic Disc



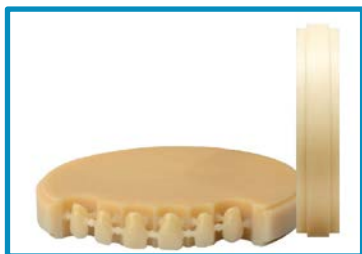
- ❖ 98 x 20mm semi-clear milling discs for metal-free frames etc.
- ❖ Invisible esthetic, comfortable and compatible
- ❖ Lightweight and no metallic taste

98 x 20 mm clear

P/N HC01-0-CLEAR

# DIGITAL CAD/CAM MATERIALS

## PMMA Disc



### Multilayer PMMA discs

- ❖ 18 shades available in stock
- ❖ Natural tooth-like layering
- ❖ Excellent wear resistance, shade stability and esthetics

#### Multilayer PMMA Discs Availability in Stock

Multilayer	Part No. Prefix	Dimensions (mm)	Shade															
			BL1	BL	A1	A2	A3	A35	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2
	HAMDB20	98 X 12 mm																
	HAMDB21	98 X 14 mm																
	HAMDB23	98 X 16 mm																
	HAMDB24	98 X 18 mm																
	HAMDB25	98 X 20 mm																
	HAMDB27	98 X 25 mm																



### Monolayer PMMA discs

- ❖ 19 shades available in stock include clear and pink
- ❖ Excellent finishing, bright surface
- ❖ Low water absorption and resists stains

#### Monoilayer PMMA Discs Availability in Stock

Monolayer PMMA Discs	Part No. Initial	Dimensions (mm)	BL	A1	A2	A3	A35	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	HADB15	98 X 10 mm																	
	HADB34	98 X 12 mm																	
	HADB35	98 X 14 mm																	
	HADB37	98 X 16 mm																	
	HADB38	98 X 18 mm																	
	HADB39	98 X 20 mm																	
	HADB41	98 X 25 mm																	
	HADB44	98 X 30 mm																	

Stocking inventory available for quick shipment is indicated in blue, non-stock item may take 30 days leading time  
Part Number is combination of "Part No. Prefix" + "-shade". Example: HAMDB20-A1

### CLEAR PMMA discs

For surgical templates, night guard, implant splint

Size	Part Number
98 X 12 mm	HADB34-0-CLEAR
98 X 14 mm	HADB35-0-CLEAR
98 X 16 mm	HADB37-0-CLEAR
98 X 18 mm	HADB38-0-CLEAR
98 X 20 mm	HADB39-0-CLEAR
98 X 25 mm	HADB41-0-CLEAR

### PINK PMMA discs

For fully and partially long-term temporary removable denture

Size	Part Number
98 X 25 mm	HADB41-2S
98 X 30 mm	HADB44-2S

## Zirconia Discs

### Super High Translucency Multilayer (SHT-ML) Zirconia Disc

- ❖ Full shades available in stock
- ❖ All-in-one & One-for-all
- ❖ Seamless gradient in translucency, strength and shade
- ❖ Time saving and easy processing



### Zirconia Discs Availability in Stock

SHT-ML Zirconia Disc	Part No. Prefix	OM1	OM2	OM3	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	98SHTM14																			
	98SHTM18																			
	98SHTM22																			

- Full shades availability for SHT-ML
- Part number – “Part Number Prefix” follow with “shade”, e.g. 98TTM12-A3

### Specifications and Technical Data

Flexural Strength (3-Point)	900-1100 Mpa	Translucency	43-46%	Fracture toughness	>9/Mpa.m <sup>1/2</sup>
Vickers-hardness HV10	1300 ± 5%	Sintered density	>6.02 (g/cm <sup>3</sup> )	Radioactivity	<0.1/Bq.g <sup>-1</sup>
Density	>3 (g/cm <sup>3</sup> )	Chemical solubility	<50 (µg/cm <sup>3</sup> )	CTE	(10.5±0.5)*10 <sup>-6</sup> K <sup>-1</sup>

## Wax Disc - Blue

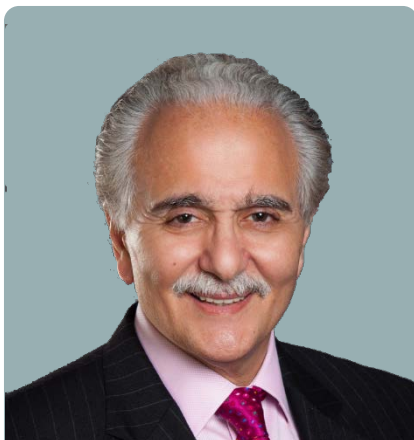
- ❖ Easy to mill
- ❖ High melting point
- ❖ Burn out with no trace

P/N	Product description
HAWB02BLUE	Wax Disc Blue 98*12mm
HAWB04BLUE	Wax Disc Blue 98*16mm
HAWB06BLUE	Wax Disc Blue 98*20mm





# CLINICAL PRODUCTS



Dr. Joe Massad  
International Lecturer

## THE PERFECT IMPRESSION TRAY SYSTEM

The Massad® technique involves strategic layering of multiple viscosities of impression materials to achieve accurate detail in the mouth. The system begins with a low temperature thermoplastic impression tray which can be formed right in the mouth, using a hot water bath. It includes both edentulous trays and Denplant® dentate trays. The Denplant® trays are ideal for implants, orthodontics and crown and bridge impressions.

### MASSAD® Edentulous Low Temp Trays

Part Number	Product Description	Contents	Pack
689LTINTRO	Massad LT Impression Trays, Intro Pack	12 Trays	Jar
689LTCOMBO	Massad LT Impression Trays, Combo Pack	12 Trays	Jar
689LT1L	Massad LT Impression Trays, 1L	12 Trays	Jar
689LT1U	Massad LT Impression Trays, 1U	12 Trays	Jar
689LT2L	Massad LT Impression Trays, 2L	12 Trays	Jar
689LT2U	Massad LT Impression Trays, 2U	12 Trays	Jar
689LT3L	Massad LT Impression Trays, 3L	12 Trays	Jar
689LT3U	Massad LT Impression Trays, 3U	12 Trays	Jar
689LT4L	Massad LT Impression Trays, 4L	12 Trays	Jar
689LT4U	Massad LT Impression Trays, 4U	12 Trays	Jar
689LT5L	Massad LT Impression Trays, 5L	12 Trays	Jar
689LT5U	Massad LT Impression Trays, 5U	12 Trays	Jar



\* Edentulous Intro Package: 12 Trays 1 of Each Size: 1U, 1L, 2U, 2L, 3U, 3L, 4U, 4L, 5U, 5L, Plus One Extra 4U and 4L

\*\*Edentulous Combination Package: 12 Trays 3 sizes: 2U, 2L, 3U, 3L, 4U, 4L (Includes 2 of Each Size)

### DENPLANT® Dentate Low Temp Trays

Part Number	Product Description	Contents	Pack
DENLTINTRO	Denplant LT Impression Trays, Intro Pack	12 Trays	Jar
DENLTLL	Denplant LT Impression Trays, Large Lower	12 Trays	Jar
DENLTLU	Denplant LT Impression Trays, Large Upper	12 Trays	Jar
DENLTML	Denplant LT Impression Trays, Medium Lower	12 Trays	Jar
DENLTMU	Denplant LT Impression Trays, Medium Upper	12 Trays	Jar
DENLTSL	Denplant LT Impression Trays, Small Lower	12 Trays	Jar
DENLT5U	Denplant LT Impression Trays, Small Upper	12 Trays	Jar

\*\*\*Denplant Intro Package: 12 Trays 2 of Each Size: Small Upper, Small Lower, Medium Upper, Medium Lower, Large Upper, Large Lower

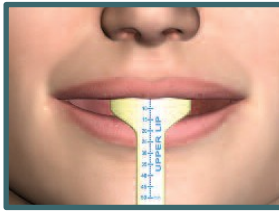


MASSAD is a trademark of Joseph J. Massad, DENPLANT is a trademark of Global Impression Trays, Inc.

Toll-Free: 800.833.2343 • Fax: 518.434.1288 • Outside USA: 1.518.434.3147 • [www.nobilium.com](http://www.nobilium.com)

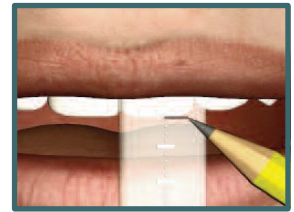
# CLINICAL PRODUCTS

## MASSAD Esthetic Rulers



The Esthetic rulers assist with analyzing both upper and lower lips and define lip position at rest and high lip line

Part #	Product Description	Contents	Pack
689815	Massad Space Ruler for Dentate Patients	5 Rulers (Clear)	Set
689810	Massad Edentulous Lip Ruler (MELR)	1 Ruler (Yellow)	Each
689812	Massad Edentulous Lip Ruler (MELR)	1 Ruler (White)	Each



## MASSAD Jaw Recorder



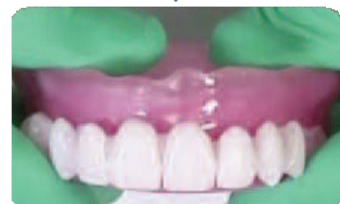
Quickly and Accurately Record Centric Relation, Balance Full, Partial or Implant Dentures and Orthopedically Reposition the Mandible.

Part #	Product Description	Contents	Pack
687231NEW	Massad Jaw Recorder Starter Kit	Assorted Parts with Nuts	Set
687232	Massad Jaw Recorder Refill Kit	Assorted Parts	Set



## SMILE PREVIEW SYSTEM

Visionaire Dental Shells are a One-Piece Set of Eight Temporary Esthetic Tooth Veneers Which Allow Both the Patient and the Dental Practitioner to Quickly Preview the Final Smile Design for an Upper Complete Denture. Both the Patient and Dentist View and Agree on the Final Esthetic Set-Up, Tooth Shape and Position, Thereby Reducing Resets and Remakes.



## Visionaire Dental Shell Kit

Available in Three Sizes • Each Kit Contains  
24 Dental Shells: 6 of Each Mold (A, B, C and D)

Part #	Description	Contents	Pack
DS-LG4	Visionaire Dental Shells - Large	24 Shells	Box
DS-MD4	Visionaire Dental Shells - Medium	24 Shells	Box
DS-SM4	Visionaire Dental Shells - Small	24 Shells	Box



## Application Wax

Use to Apply Dental Shells to Wax Rm or  
Denture, or by Itself on a Baseplate

Part #	Description	Contents	Pack
DS-WAX	Application Wax	14 Wax Rods	Box

# CLINICAL PRODUCTS

## Perfit A-Silicone Impression Materials

Part #	Product Description	Contents	Pack
HPAS001	PERFIT Putty - A-Silicone (Base + Catalyst, 400 gram each)	2 Measuring Spoons	Kit
HPAS002	HUGE Perfit A Light Body Dispenser Cartridges	50ml X 2	Kit
HPAS003	HUGE Perfit A Heavy Body Dispenser Cartridges	50ml X 2	Kit
HPAS004	Huge Perfit A Bite Registration Dispenser Cartridges	50ml X 2	Kit



## NOBILTRAY Light-cure Materials

Part #	Product Description	Contents	Pack
89276	LIGHT-CURED TRAY MATERIAL	50 Sheets	Tub



## MASSAD Starter Kit     P/N 689LT123

**This Massad Starter Kit Includes the Following:**

Massad Edentulous Trays - Intro Pack	P/N 689LTINTRO
Strong-Massad Denplant Trays - Intro Pack	P/N DENLTINTRO
Massad Wax Sticks (14 Sticks)	P/N DS-WAX
Massad Jaw Recorder (14 Sets)	P/N 687231NEW
Massad Edentulous Lip Ruler (MELR) (1 Ruler)	P/N 689810
NOBILTRAY Light-Cure Material (5 Sheets)	P/N 89276S
Massad Edentulous Lip Ruler – White	P/N 689812
Massad Esthetic Space Ruler (5 Rulers)	P/N 689815
Hot Water Bath Kettle	P/N 689816
TEMPERATURE PROBE DIGITAL INV	P/N 689818
Mini-Torch (without fuel)	P/N 689LT123T
Dental Shell Intro Kit	P/N DS-INTRO4
Columbia Lip Retractor	P/N 28-115-15
HUGE Perfit A-Silicone Putty	P/N HPAS001
HUGE Perfit Light Body 50ml x 2	P/N HPAS002
HUGE Perfit Heavy Body 50ml x 2	P/N HPAS003
HUGE Perfit Bite Registration 50ml x 2	P/N HPAS004



# PARTIAL DENTURE ALLOYS



## **NOBILSTAR ULTRA™ PREMIUM**

Chrome-Cobalt Formulation

- Nitrogen-Enhanced • Continuous Cast • Nickel Free
- 13% Elongation • Cylinder Ingot

1 lb (454 g)	P/N 0016
2.2 lb (1 kg)	P/N 0013
55 lb (25 kg)	P/N 0013K25



## **NOBILSTAR™ PREMIUM**

Chrome-Cobalt Formulation

- Continuous Cast • Enhanced Physical Properties • Nickel Free
- 9% Elongation • Cylinder Ingot

1 lb (454 g)	P/N 0012
2.2 lb (1 kg)	P/N 0011
55 lb (25 kg)	P/N 0015K25



## **INGOT ALLOY HARD**

Chrome-Cobalt Formulation

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

1 lb (454 g)	P/N 0008
2.2 lb (1 kg)	P/N 0102

	NOBILSTAR ULTRA	NOBILSTAR	HARD INGOT
Primary Composition	64% Co, 28.5% Cr, 5.25% Mo	65% Co, 27.5% Cr, 5.5% Mo	62% Co, 30% Cr, 6% Mo
Elongation	13%	9%	3%
Hardness	Vickers 350	Vickers 430	Vickers 444
Ultimate	142,100 psi, 980 MPa	122,960 psi, 848 MPa	121,000 psi, 834 MPa
Proof Stress	93,500 psi, 645 MPa	92,800 psi, 640 MPa	88,600 psi, 611 MPa
Modulus of Elasticity	204 GPa	193 GPa	186 GPa
Casting Temperature	2750°F (1510°C)	2750°F (1510°C)	2650°F (1454°C)
Burnout Temperature	1800-1850°F (982-1010°C)	1800-1850°F (982-1010°C)	1800-1850°F (982-1010°C)



# PARTIAL DENTURE ALLOYS



## **COBACHROME™ SPLASH**

Chrome-Cobalt Formulation

- High Quality Shot-Type Alloy • 4.1% Elongation

1 lb (454 g) P/N 0006

2.2 lb (1 kg) P/N 0003



## **COBACHROME™ SPLASH XL**

Chrome-Cobalt Formulation

- Larger Pebble Size for Induction Casting • 4.1% Elongation

1 lb (454 g) P/N 0009

2.2 lb (1 kg) P/N 0009K

25 lb (11.3 kg) P/N 0009-25



## **Ticonium™ PREMIUM 100**

Nickel-Chrome Partial Dental Alloy

3/8 - 58.8 DWT 12 INGOTS P/N P6S12

1/2 - 78.6 DWT 12 INGOTS P/N P8S12

Hard - 72 DWT 12 INGOTS P/N P10112

	TICONIUM 100	SPLASH COBACHROME	SPLASH COBACHROME XL
Primary Composition	71.6% Ni, 16% Cr, 5% Mo, 3.5% Mn, 3.1% Al, 0.8% Be	64% Co, 29% Cr, 5.5% Mo	64% Co, 29% Cr, 5.5% Mo
Elongation	7%	4.1%	4.1%
Casting Temperature	2550°F (1399°C)	2700°F (1482°C)	700°F (1482°C)
Burnout Temperature	1350°F (732°C)	1800-1850°F (982-1010°C)	1800-1850°F (982-1010°C)

# CROWN & BRIDGE ALLOYS & INVESTMENTS



## **NPX-SUPER™ C & B ALLOY**

Cobalt-Chrome Ceramic C & B Alloy • 10.3% Elongation • Hardness Vickers 350 • CET at 500° C 14.1 • No Beryllium

1 kg

P/N 0129



## **NPX-IV™ C & B ALLOY**

Nickel-Chrome Ceramic C & B Alloy • 11% Elongation • Hardness Vickers 338 • CET at 500° C 14.1 • No Beryllium

1 kg

P/N 0124



## **NPX-III™ C & B ALLOY**

Nickel-Chrome Ceramic C & B Alloy • 9.0% Elongation  
• Hardness Vickers 350 • CET at 500° C 14.4

1 kg

P/N 0108

	<b>NPX-Super</b>	<b>NPX-IV</b>	<b>NPX-III</b>
Primary Composition	61.6% Co, 27% Cr, 6% Mo, 5%W	65.6% Ni, 20.1% Cr, 7.1% W	76.5% Ni, 14%Cr, 45.5% Mo, 1.6% Be
Ultimate	98,600 psi, 680 MPa	107,300 psi, 740 MPa	147,000 psi, 1,013 MPa
Proof Stress	68,900 psi, 475 MPa	88,450 psi, 610 MPa	113,700 psi, 784 MPa
Casting Temperature	2750°F (1454°C)	2650°F (1454°C)	2525°F (1385°C)
Burnout Temperature	1550-1600°F (843-871°C)	1550-1600°F (843-871°C)	1550-1600°F (843-871°C)



## **NOBILVEST™ INVESTMENT**

Oxy-phosphate type • 11% Elongation • Rapid burn-out • Suitable for pressable ceramics • No ring necessary • Freeze-stable liquid

100g X 80 pouches (8 kg) Powder Only

P/N 2211

32 oz (946 cc) Liquid Only

P/N 2038

# INVESTMENTS – Ethyl Silicate



## **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)

44 lb (20kg) Powder Only P/N 2004

1 gal (3.79 L) D&E w/ 470cc C 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)

44 lb (20kg) Powder Only P/N 805002

0.83 gal (3.15 L) Binder & A Liquid 355 cc P/N 805003

Solution A Liquid Only 350cc P/N 805003

Solution B Binder Only 0.83 gal P/N 805003



## **GOOD EARTH II™ FINE INVESTMENT**

Same High Quality as Traditional Good Earth with the Added Feature of an Accelerated Setting Time • Recommended Burnout is 1800° F (982° C) , Smaller Grain Size for Smooth Finish • **Ethyl-Silicate**

44 lb (20kg) Powder Only P/N 805006

0.81 gal (3.075 L) Binder & A Liquid 385 cc P/N 805046

GOOD EARTH II Solution A Only 385 cc P/N 805046A

GOOD EARTH II Solution B only 0.81 Gal P/N 805046B

	YELLOW STRIPE NEW IMPROVED INVESTMENT	GOOD EARTH INVESTMENT	GOOD EARTH II FINE INVESTMENT
Working Time	10 Minutes	15 Minutes	10 Minutes
Burnout Temperature	1850° F (1010° C)	1800° F (982° C)	1800° F (982° C)
Thermal Expansion	1.60%	1.60%	1.60%
Liquid : Powder	18 cc : 100 g	19 cc : 100 g	16.5 cc : 100 g

# INVESTMENTS, STONES AND PLASTERS



## **GREEN STRIPE™ INVESTMENT**

Oxy-Phosphate, Fine-Grained Investment for Chrome-Cobalt Partial Denture Frameworks • Use Water for Outer Mold • Special All-Season Liquid for the Refractory Model • Recommended Burnout is 1800° F (982° C)

44 lb (20 kg) Powder Only

P/N 2036-44

32 oz (946 cc) Liquid Only

P/N 2038



## **NOBILVEST™ INVESTMENT**

For Partial Denture Frameworks • Use Distilled Water for Outer Mold • Mix Phosphate Liquid for the Refractory Model • Recommended Burnout is 1725° F (940° C)

400g X 30 pouches (12kg) Powder Only

P/N 2214

25lb Powder Only

P/N 2213

32 oz (946 cc) Liquid Only

P/N 2038



## **FOUR SEASONS™ INVESTMENT**

Fine-Grained, Oxy- Phosphate, Water-Mix Investment for Chrome-Cobalt Partial Denture Frameworks

44 lb (20 kg) Powder

P/N 805004



## **TICONIUM INVESTIC™ INVESTMENT**

Water-mix investment for Nickel-Chrome partial denture alloys

25 lb (11.4 kg) Carton

P/N 73

	GREEN STRIPE	NOBILVEST	FOUR SEASONS	INVESTIC
Working Time	3 Minutes	4 Minutes	5 Minutes	
Burnout Temperature	1800°F (982° C)	1725°F (940° C)	1850° F (982°C)	1350° F (732° C)
Thermal Expansion	1.40%	1.40%	1.40%	1.00%
Liquid : Powder	14 cc : 100 g	25cc : 100 g	11 cc : 100 g	29 cc : 100 g



## **MODSTONE YELLOW**

50 POUNDS (22.7 KILOS)

P/N 508Y50

## **LAB PLASTER REGULAR WHITE**

50 POUNDS (22.7 KILOS)

P/N 509W50



# DUPLICATING MATERIALS



## **NOBILOID™ ALL-PURPOSE PREMIX BLUE**

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

1 Gallon	P/N 1001A-10
2 Gallon	P/N 1001A-20
5 Gallon	P/N 1001A-50



## **KRISTALOID™ COLLOID CLEAR**

Clear to look through and view the model inside

2 Gallon	P/N 1011
----------	----------



## **NOBILOID™ READY-MIX BLUE**

Makes 2.5 gallon duplicating material by adding 2 gallons water

2.5 Gallon	P/N 7210-25
------------	-------------



## **NOBILPUTTY™ SILICONE**

Silicone Impression Putty for Matrix Work, Repairs and Precise Positioning  
Shore-A Hardness of 85

3.5 lbs (1.6 kg) Base & 60 ml Catalyst	P/N 7400
3.5 lbs (1.6 kg) Base Only	P/N 7401
60 ml Catalyst Only	P/N 7402



## **NOBILSIL™ DUPLICATING SILICONE**

Free-Flowing • Captures Even the Smallest Details with Ease  
Tear-Resistant • Shore-A Hardness of 20

Duplication Silicone Kit (Contains 1 kg Base & Catalyst)	P/N 7435
Duplication Silicone Kit (Contains 6 kg Base & Catalyst)	P/N 7455

# INVESTMENT ACCESSORIES



## FOIL LINED CASTING RING

Economical, Disposable Ring with Foil Liner for Easy Separation from the Investment  
3.5" (89 mm) Diameter x 3" (76.2 mm) High

Ring Only, Package of 200

P/N 6070



## CASTING RING RUBBER BASE

Fits our foil-lined. 3 1/2" (89 mm) inside diameter (part number 6070). Re-usable.

3.5" ID

P/N 6070B



## NOBILDIP™ MODEL ROSIN DIP

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

Regular 5 lb (2.27 kg)

P/N 1004

Special Hard 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 L)

P/N 1013



## GREEN LIQUID PAINT-ON™ PATTERN COAT

Liquid Precoat Investment to Protect Plastic Patterns and Wax Coat Used with Oxy-Phosphate Investments

Box of Four 8 oz (237 cc) Jars

P/N 6004



## NOBILCOAT™ WHITE PATTERN COAT

A Liquid Precoat Investment Applied to Nobil-X Colloid Mold

Also Used to Protect Plastic & Wax Patterns when Investing Ethyl Silicate Investments

Box of Four 8 oz (237 cc) Jars

P/N 6072

# PLASTIC PREFORM PATTERNS

**NOBILFORMS®**

Our traditional green pattern with excellent memory



Our new formula that is more tacky and better suited for cold climates

TYPE	IMAGE	PATTERN	DESCRIPTION	NOBILFORM	STIKTITE
LINGUAL BARS		LR1	Lingual Bars with Mesh Retention	4011-8	4011ST-8
		LR6	Lingual Bars with Retention	4016-8	4016ST-8
		LB1	Lingual Bars (Light, Half-Drop)	4009-8	
		LB2	Lingual Bars (Heavy, Half-Drop)	4010-8	
PALATAL BARS		RC4	Roach Type Clasps (Medium)	4026-8	4026ST-8
STRAIGHT CLASPS		SC1	Straight Clasps with Long & Short Prongs (Light)	4030-8	
		SC2	Straight Clasps with Equal Length Prongs (Medium)	4031-8	4031ST-8
		SC3	Straight Clasps with Long & Short Prongs (Heavy)	4032-8	
		SC4	Straight Clasps with Long & Short Prongs (Very Heavy)	4033-8	
CURVED CLASPS		CC5	Curved Clasps	4001-8	
		CR2	Clasps with Rest (Medium)		4003ST-8
		CR3	Clasps with Rest (Heavy)	4004-8	
FINISHING		FB1	Finishing Bars or Finishing Lnes (Small)	4005-8	
		FR2	Finishing Bars or Lines with Retention for Constructing Full Uppers, Horseshoes and Various Other Partial		4008ST-8
MESH		MS	Plastic Mesh (Square Shape)	4017-8	4017ST-8



## STIPPLED PLASTIC SHEETS

Gauge	Thickness	Grit	Nobilforms™	Stik-Tite™
22	0.63mm	Medium	4110	4110ST
22	0.63mm	Coarse	4112	
24	0.50mm	Medium	4111	4111ST
24	0.50mm	Coarse	4113	4113ST
26	0.40mm	Medium	4117	4117ST



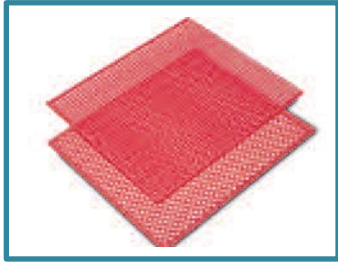
## TACKYFIER PATTERN ADHESIVE

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

4 oz (118 cc)

P/N 4109

# WAXES



## **NOBILMESH™ WAX**

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

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



## **NOBILWAX™**

### **ADHESIVE RELIEF WAX**

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

22 Gauge (0.63 mm) P/N 3018  
24 Gauge (0.50 mm) P/N 3019



## **NOBILWAX™ SET-UP WAX**

Allows for Easy Setting and Articulating of Denture Teeth

5 lb (2.27 kg) P/N 3055

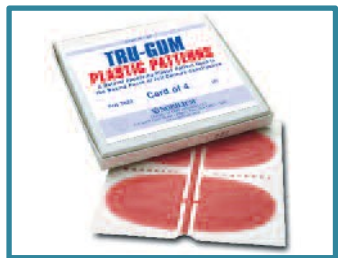


## **NOBILWAX™**

### **ANATOMICAL BITE RIMS**

Uniquely-Contoured to Average Clinical Specifications

Regular – 72/Box P/N 3038



## **TRU-GUM™**

### **PLASTIC PATTERNS**

Natural Appearing Plastic Pattern Used in the Waxing Phase of Full Denture Construction  
Reusable After Boilout

Card (4 patterns) P/N 7023



## **NOBILWAX™**

### **ROUND WIRE WAX**

A Spooled, Blue Round Wax.  
0.5 lb (227 g) Rolls

8 Gauge (3.3 mm) P/N 3004



## **NOBILWAX™ BASEPLATE WAX**

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

#1 Pink Extra Hard, 06" (1.5 mm)

P/N 3029

#2 Pink, All-Season, 06" (1.5mm) Translucent

P/N 3030



## **NOBILWAX™ INLAY WAX**

Two Different Types of Hardness for Most Waxing Needs  
Available in Green Chunks • 1 lb (454 g) Box

Green Chunks Regular  
Green Chunks Hard

P/N 3052

P/N 3053



# CASTING & REPAIR SUPPLIES



## WELDING WIRE

Premium Chrome-Cobalt Wire for Laser & Electric Arc Welders

Length: 14' (4.27 m)

Composition: 65% Co, 27.5% Cr, 5.5% Mo <1.0% Ni

Laser Mate 0.014" (0.36 mm)

P/N 61619

Laser Mate 0.020" (0.51 mm)

P/N 61620



## WELDING ROD

Welding Rod for Chrome-Cobalt (2100°F/1150°C)

1 troy oz (31.1 g) P/N 6015



## CRUCI-COAT™

### CRUCIBLE COATING

Extends the Life of Crucible.  
Apply with Paddle (Included)  
Cleans-Up with water

2 oz (0.59 ml) Jar P/N 6048



	65046	6038	4114	4115	6012	6042	2010MP4	2010MP5	2008MP25	6083
Photo	A	B	C	D	E	F	G	H	I	J
Capacity (oz)	1.5	1.5	1.5	1.5	2	2	4.2	4.2	1.5	
Capacity (gm)	45	45	45	45	60	60	120	120	45	
Ticomatic	X									
Mini-Cast, Mod 3 & Mod 4	X	X	X	X						
Super-Cast, Mod 3 & Mod X	X	X	X	X	X	X				
Mod X	X	X	X	X	X	X	X	X	X	
Mini-Mod									X	
ECM IV					X					
Bego Nautilus										X

<b>A</b>	Green-Lined Crucible for Nickel-Chrome, Hi-Fusing Gold and Palladium	P/N 65046
<b>B</b>	Unlined Crucible for Chrome-Cobalt, Hi Fusing Gold, Palladium and NP C&B Alloys, 3 Pack	P/N 6038
<b>C</b>	Unlined Hooded Crucible for Chrome-Cobalt, Nickel-Chrome, Palladium and Gold Alloys	P/N 4114
<b>D</b>	Grey-Lined Hooded Crucible for Chrome-Cobalt, Nickel-Chrome and Porcelain Alloys	P/N 4115
<b>E</b>	Large Ceramic Crucible for Chrome-Cobalt Alloys	P/N 6012
<b>F</b>	Large Quartz Crucible with Grey Liner for Chrome-Cobalt Alloys (Longer Lasting)	P/N 6042
<b>G</b>	Mod-X Large Ceramic Crucible for Chrome-Cobalt Alloys	P/N 2010MP4
<b>H</b>	Mod-X Large Silicon-Carbide Crucible for Chrome-Cobalt Alloys	P/N 2010MP5
<b>I</b>	Mini-Mod Non-Hooded Crucible for All Alloys Except Gold and Palladium	P/N 2008MP25
<b>J</b>	Split crucible for Bego Nautilus casting machine	P/N 6083

# ABRASIVES



## MOUNTED STONES

For Coarse Finishing Chrome-Cobalt Alloys • Box of 72 • White and Pink are premium quality and longer lasting

COLOR	TYPE	SMALL BARREL	LARGE BARREL	INVERTED CONE	TAPERED
White	Coarse	P/N 5053	P/N 5057		P/N 5055
Pink	Fine		P/N 5062	P/N 5059	P/N 5060
Blue	Hard		P/N 5010	P/N 5007	P/N 5008
Orange	Soft		P/N 5015	P/N5012	

## RUBBER WHEELS / RUBBER POINTS

RUBBER WHEELS 0.875" Dia. x 0.125" W (22 x 3 mm); RUBBER POINTS 0.94" Dia. x 0.25" W (24 x 6 mm)

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

COLOR	DESCRIPTION	WHEELS	POINTS
Blue	High-Glaze for Chrome-Cobalt, Non & Semi-Precious Alloys	P/N 5017	P/N 5020
Green	Coarse-Soft for Chrome-Cobalt Alloys	P/N 5019	P/N 5023
Black	Hard for Chrome-Cobalt Alloys	P/N 5045	
Red-Flexi	Medium for Scratch Removal & Polishing Gold Alloys	P/N 5065	

## ECONOMY RUBBER POINTS 0.875" Dia. x 0.25" W (22 x 6 mm)

Red, Fine-Hard for Chrome-Cobalt, Non-Precious, Semi-Precious and Gold Alloys.

Box of 100

P/N 5258

## PREMIUM GRINDING WHEELS

White, White heatless-7/8 X 1/8 inch (22 X 3mm)

box of 50

P/N 215

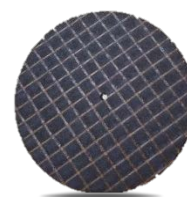
## SEPARATING DISC

### STRENGTHENED

40 Mm x 0.5mm for co-cr alloy

box of 20

P/N 5000



## ABRASIVE BLASTING MEDIA

- Commonly Used Abrasive for Every Department in the Laboratory

DESCRIPTION	WEIGHT	PART NUMBER
Z Blast (125 micron)	50 lb (22.7 kg)	P/N 109



# POLISHING ACCESSORIES



## POLISHING COMPOUNDS

High-Shine, Green 1 lb (454 g) P/N 5028

BLACK DIAMOND™, Black All-Purpose 1 lb (454 g) P/N 400



## FELT POLISHERS, BRUSHES & BUFF WHEELS

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

Soft Wheels – 1" Dia (25 mm) P/N 5026

Buff Wheels 4" (102 mm) x 30 Ply – Pkg 12 P/N 5168



## CHROME POLISHING SOLUTIONS

Quality Polishing Solutions for for esmadent polishers

Esma-Brite for Cobalt-Chrome 1 gal (3.79 L) P/N E272

Esma-Brite for Nickel-Chrome 1 gal (3.79 L) P/N E581



## DOUBLE-DIAGONAL CARBIDE BUR

Quality "Coarse-Cut" Carbide Burs Used for Gross Grinding of Chrome-Cobalt, Plastics, Porcelain & Precious Metals. 0.094 " (2.35 mm) Shank

Inverted Cone Carbide Bur Round Barrel P/N 5092



## MANDRELS

For All Unmounted Wheels & Points  
0.094 " (2.35 mm) Shank  
Heavy Duty for Wheels

Package of 12 P/N 5031





# FLEXIBLE PARTIAL DENTURE RESINS

**FLEXSTAR™**



- Easy to adjust-polish
- Less flexible
- 12 cartridges per package

## FLEXSTAR Flexible Partial Denture Resins

Part #	Product Description	Diameter
21103	Flexstar Pink Large Rigid 27g	25.5mm
21123	Flexstar Light Pink Large Rigid 27g	25.5mm
21102	Flexstar Pink Medium Rigid 18g	25.5mm
21122	Flexstar Light Pink Medium Rigid 18g	25.5mm
21103SL	Flexstar Pink Large Soft Cartridge 25g	25.5mm
21123SL	Flexstar Light Pink Large Soft Cartridge 25g	25.5mm
21103BK	Flexstar Pink Large Rigid 1000g	BULK
21123BK	Flexstar Light Pink Large Rigid 1000g	BULK

## Bulk Cartridges and Caps

Part #	Product Description	Package
21200	Val Style (25.5 MM Diameter) Large	35 Caps And Tubes
21203	Val Style (25.5 MM Diameter) Medium	55 Caps And Tubes
21201	FXT Style (28 MM Diameter) Large	35 Caps And Tubes
21204	FRS Soft (25.5 MM Diameter)	Tubes and Caps 144 Count



## PERFLEX Thermoplastics for Dentures



- T-crystal
- Flexinylon
- Acryfree
- Biosens
- Easyclasp



# FLEXIBLE PARTIAL DENTURE RESINS

## T-crystal

Semi-flexible biocompatible nylon thermoplastic for full, partial dentures and over-dentures on implants Similar to Biosens material, but more flexible and low melting temperature. Fixable and relinable with conventional acrylics of all types.

Part #	Product Description	Package
112502-05	T-Crystal Large Light Pink	25 mm X 98 mm 5 Cartridges
112506-05	T-Crystal Medium Standard Pink	25 mm X 73 mm 5 Cartridges
112505-05	T-Crystal Large Standard Pink	25 mm X 98 mm 5 Cartridges
112504-05	T-Crystal Extra Large Standard Pink	25 mm X 107 mm 5 Cartridges
11001	T-Crystal Bulk Light Pink	1 kg Jar
11003	T-Crystal Bulk Standard Pink	1 kg Jar

## Flexinyon

Unbreakable, Monomer free, BPA free. This remarkably resilient thermoplastic material is new standard for the fabrication of partials, unilateral, clasps, nightguards, and space maintainers

Part #	Product Description	Package
222503-05	Flexinyon Medium Light Pink	25 mm X 73 mm 5 Cartridges
222502-05	Flexinyon Large Light Pink	25 mm X 98 mm 5 Cartridges
222506-05	Flexinyon Medium Standard Pink	25 mm X 73 mm 5 Cartridges
222505-05	Flexinyon Large Standard Pink	25 mm X 98 mm 5 Cartridges
222504-05	Flexinyon Extra Large Standard Pink	25 mm X 107 mm 5 Cartridges
22001	Flexinyon Bulk Light Pink	1 kg Jar
22003	Flexinyon Bulk Standard Pink	1 kg Jar

## Acryfree

Elastic acrylic denture resin - flexible and fully repairable and re-linable using conventional acrylics of all types. Acryfree can be used with porcelain prosthetic teeth and be combined with a metal framework

Part #	Product Description	Package
332502-05	Acry Free Large Light Pink	25 mm X 98 mm 5 Cartridges
332510-05	Acry Free Medium Standard Pink	25 mm X 73 mm 5 Cartridges
332504-05	Acry Free Large Standard Pink	25 mm X 98 mm 5 Cartridges
332503-05	Acry Free Extra Large Standard Pink	25 mm X 107 mm 5 Cartridges
33001	Acry Free Bulk Light Pink	1 kg Jar
33003	Acry Free Bulk Standard Pink	1kg Jar

## Biosens

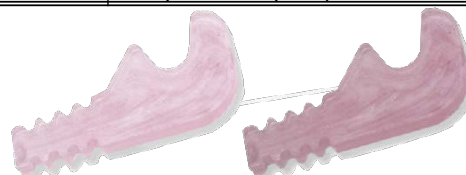
Rigid biocompatible nylon thermoplastic for full and partial dentures - fixable and relinable using conventional acrylics of all types. Biosens rigidity allows for thin, precise and comfortable results,

Part #	Product Description	Package
4112502-05	Biosens Large Light Pink	25 mm X 98 mm 5 Cartridges
4112506-05	Biosens Medium Standard Pink	25 mm X 73 mm 5 Cartridges
4112505-05	Biosens Large Standard Pink	25 mm X 98 mm 5 Cartridges
4112504-05	Biosens Extra Large Standard Pink	25 mm X 107 mm 5 Cartridges
411001	Biosens Bulk Light Pink	1 kg Jar
411003	Biosens Bulk Standard Pink	1 kg Jar
HC01-0-CLEAR	Biosens Milling Disc - Clear	98x20 MM Open System

## Easyclasp

Pre-made clasps for a quick and easy clasp repair for acrylic dentures, molded to shape with a heat-gun, and bonded with any type of cold-cure acrylics. Available in 10 pcs pack in Translucent Opaque pink and Transparent clear

Part #	Product Description	Package
333013	Acry Free Easyclasp Opaque Pink "N5"	10 Clasps
333005	Acry Free Easyclasp Clear	10 Clasps



\* Perflex, T-Crystal, Flexinyon, Acryfree, Biosens and Easyclasp are trademarks of Perflex Ltd. International



# DENTURE BASE ACRYLICS & REPAIR



## **NOBILTONE™ PREMIUM HI-IMPACT**

High-Impact Heat-Cured Denture Base Material

Exceptional Impact Strength

Cadmium-Free, Color Stable

**Pink-Veined** Matches Industry Standard Shade

1 L (33.8 oz) Liquid Only	P/N 8105
1 Pound (454 Grams) Powder Only	P/N 8101
5 Pounds (2.3 KG) Powder Only	P/N 8102
25 Pounds (11.4 KG) Powder Only	P/N 8103



## **NOBILTONE™ POURABLE**

Pour-Type Self-Cure Denture Base Materials

Easy to Mix & Pour, Porosity-Free • Cadmium-Free, Color Stable

4-Minute Working Time

**Pink-Veined** Matches Industry Standard Shade

1 lb (454 g) Powder Only	P/N 8171
5 lb (2.27 kg) Powder Only	P/N 8172
25 lb (11.4 kg) Powder Only	P/N 8173
1 L (33.8 oz) Liquid Only	P/N 8175



## **NOBILTONE™ HEAT-CURE**

Regular-Impact Denture Base Material

Long Working Time • Cadmium-Free, Color Stable

Quick Cure, Overnight Cure or Microwave

**Pink-Veined** Matches Industry Standard Shade

1 lb (454 g) Powder Only	P/N 8131
5 lb (2.27 kg) Powder Only	P/N 8132
25 lb (11.4 kg) Powder Only	P/N 8133
1 L (33.8 oz) Liquid Only	P/N 8135



## **NOBILTONE™ SELF-CURE REPAIR MATERIALS**

Matches Pink-Veined Shades Perfectly

Excellent Flow Characteristics • Cadmium-Free, Color Stable

**Pink-Veined** Matches Industry Standard Shade

1 lb (454 g) Powder Only	P/N 8191
5 lb (2.27 kg) Powder Only	P/N 8192
25 lb (11.4 kg) Powder Only	P/N 8193
1 L (33.8 oz) Liquid Only	P/N 8115

# IMPAK ACRYLICS



## IMPAK™ PF (Pink-Fibered)

### Soft Denture Liner

- 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

1 lb (454 g) Powder Only P/N 3311

6 lb (2.72 kg) Powder Only P/N 3312

1 quart (946cc) Liquid Only P/N 3306



## IMPAK™ Transparent

### Mouth Guards & Hard Bite Splints

- Time-Tested – Over 1 Million 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 Chairside Adjustment
- Patient Comfort – Effortless, Pain-Free Insertion
- Everlasting Fit – Soft Retention for Easy Repositioning
- Athlete Safety – Custom Fit & Comfort for Most Activities

1 lb (454 g) Powder Only P/N 3747

6 lb (2.72 kg) Powder Only P/N 3305

25 lb (11.3 kg) Powder Only P/N 3307

1 qt (946 cc) Liquid Only P/N 3306

## NOBIL-SEP™ Separating Medium

Clean, easy separation for all resin and gypsum applications

16 oz (500ml)

P/N 7459N



## NOBILIUM COLLOID CONDITIONERS



ITEM ID	BASIC PRODUCT DESCRIPTION	POWER
4071011	NOBILIUM COLLOID CONDITIONER 1 GALLON	110V
4072511	NOBILIUM COLLOID CONDITIONER 2.5 GALLON	110V
4075012	NOBILIUM COLLOID CONDITIONER 5 GALLON	220V
40710G12	NOBILIUM COLLOID CONDITIONER 10 GALLON	220V
40720G12	NOBILIUM COLLOID CONDITIONER 20 GALLON	220V

	NOBILIUM COLLOID CONDITIONER SPECIFICATIONS				
	1 Gallon	2.5 Gallon	5 Gallon	10 Gallon	20 Gallon
Height	17.72"	20.87"	24"	30.39"	26.96"
Width	14.17"	14.17"	16.54"	19.09"	24.80"
Depth	13.00"	13.00"	14.00"	16.90"	25.20"
Voltage etc.	110V / 5AMP / 42RPM	110V / 8.5AMP / 42RPM	220V / 8AMP / 42RPM	220V / 8AMP / 42RMP	220V / 16AMP / 42 RPM
Power at rated volt	540W	940W	1400W	1800W	3600W
Capacity	1 US Gallon	2.5 US Gallon	5 US Gallon	10 US Gallon	20 US Gallon
Weight	77LB / 35KG	93LB / 42KG	102LB / 46KG	114LB/52KG	243LB / 110KG



## POLISHER / GRINDER



2-Speeds for Versatile Operation • Quick Change 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  
**H: 11" (28cm), W: 10.25" (26cm), D: 12.75" (32.4cm), Wt: 34 lb (15.4kg)**

2-Speed Polisher/Grinder

P/N E96

2-Speed Polisher/Grinder - 230 V

P/N E96-230



## DEMCO SPINDLE

Spindle for E96 Grinder

P/N DS1

Spindle for E1 Grinder

P/N S1B

Collet for DS1 Spindle (4-Cut)

P/N S12A

Spindle Repair Service

P/N S15



## **MODULAR 20™** Induction Casting Machine

- Precise • Versatile • Consistent
- Semi-automatic
- Standard integrated electronic eye
- Casts non-precious, semi-precious and precious alloys in just 60 seconds
- Solid-state circuitry throughout
- NEW Self-contained OR External water cooling system
- NEW Large coil and crucible holding plate accommodates large crucibles
- Adjustable cradle for variable flask sizes
- Safety control arm (arm will not spin when cover is up!)
- Small, compact design



(Front View)  
Shown with  
Self Contained  
Water Supply

Modular 20 Casting Machine

P/N 2020M

Item: MODULAR 20  
Height: 23 1/2" (60 cm)  
Depth: 41" (104 cm)

Power: 220V/60Hz, 20Amp  
Width: 27" (69 cm)  
Shipping Wt: 364 lb (165 kg)



## **Esmadent** **ELECTRO-POLISHERS**

Enables operator control of solution heating and cooling to ensure optimum life of the electrolyte polishing solution • Directs over 50% of the current to the deep palate, eliminating burnt clasps

Non-corroding electrodes • Produce a high-luster shine that virtually eliminates hand polishing • Durable stainless steel construction

One Station (Shown)  
Three Station  
Five Station

P/N E678-1  
P/N E678-3  
P/N E678-5



## **PRESSURE VESSEL**

Used to Densify Investment. Required to Burnout Polyjet Plastic Printed Parts. Pneumatic Operation to 50 psi (3.4 bar)

Pressure Vessel

P/N 7555





## 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 -115V                      P/N 407811

9 Case Electric Furnace -230V                      P/N 407812

18 Case Electric Furnace - 230V                      P/N 407912



Large, easy access muffle

### 9 Case Electric Furnace Specifications

Electrical: 230 V/60 Hz, 8 Amps, 1800 W, Or 110 V/60 Hz

Height: 18.5" (47 cm)    Width: 22" (56 cm)                      Depth: 19" (48 cm)

Shipping Wt.: 95 lb. (43 kg)    Muffle Size: 6.5"H x 9"W x 10"D (17 x 23 x 25 cm)

### 18 Case Electric Furnace Specifications

Electrical: 230 V/60 Hz, 8 Amps, 1800 W

Height: 18.5" (47 cm)    Width: 22" (56 cm)                      Depth: 19" (48 cm)

Shipping Wt.: 95 lb. (43 kg)    Muffle Size: 6.5"H x 9"W x 10"D (17 x 23 x 25 cm)



## MODEL DRYING OVEN

Dries Refractory Models Prior to Rosin Dipping • Approximately 40 Model Capacity • Adjustable Damper • Built-In Thermostat • Complete with Two Shelves & Glass Thermometer • Stainless Steel Cabinet

Model Drying Oven - 115V                      P/N 405511

Model Drying Oven - 230V                      P/N 405512

### Model Drying Oven Specifications

Electrical: 115V/60 Hz or 220V/60H                      Height: 27.5" (70 cm)

Depth: 17.5" (40 cm)    Width: 17" (43 cm)    Shipping Wt.: 69 lb. (31.3 kg)

## 18 Case GAS BURNOUT FURNACE



- With programmable controls
- Heavy Cast Iron Construction
- Fused-Quartz Hearth Plate
- 1.5" Firebrick Insulation
- Swing-Away Door
- Natural Gas and Propane

18 Case Gas Furnace

P/N 8008AH

### 18 Case Gas Furnace Specifications

Electrical: 115 V/60 Hz      Height: 80" (203 cm)      Width: 43" (61 cm)  
Depth: 26" (66 cm)      Shipping Wt.: 700 lb (318 kg)  
Muffle Size: 14" H x 14" W x 9.5" D (35.6 x 35.6 x 24 cm)

## 45 Case GAS BURNOUT FURNACE



- Heavy Cast Iron Construction
- Fused-Quartz Hearth Plate
- 4.5" Firebrick Insulation with 1" additional Block Insulation
- Natural Gas and Propane models available

45 Case Gas Furnace

P/N 8007H

### 45 Case Gas Furnace Specifications

Electrical: 115 V/60 Hz      Height: 80" (203 cm)      Width: 49" (127 cm)  
Depth: 33" (84 cm)      Shipping Wt.: 950 lb (431 kg)  
Muffle Size: 11" H x 17.5" W x 14.5" D (28 x 44.5 x 37 cm)

## POLISHING LATHE – 2 STATION



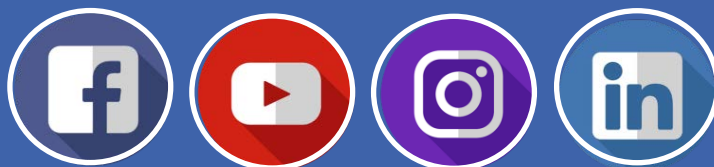
Whisper Quiet ▪ Self-contained suction/exhaust ▪ Self-contained lighting ▪ Eye shields ▪ Rubber work strays ▪ Stainless steel work area

Bench TOP 115V

P/N 406511

Electrical: 115V/60HZ      Height: 19.75 inches (50 cm)  
Width: 26.5 inches (67 cm)      Depth: 21.25 inches (54 cm)  
Shipping Weight: 145 pounds (66 Kg)

## Connect with Nobilium



18229 Rowland Street, City of Industry, CA 71948  
518 434 3147 800 833 2343 (USA/Canada) [www.nobilium.com](http://www.nobilium.com)