YATES BIRD

CATALOG OF DENTAL LAB PRODUCTS
Electric Soldering Machine

An invaluable time and labor saver plus exceptional laboratory profit generator. Standard equipment for any dental lab.

Make repairs and additions instantly without the inconvenience, delay and danger of using a torch. Seven heat settings accommodate virtually every soldering need. Provides a quick esthetic and functional repair that can save a costly remake.

Quick heat has many advantages:
- Solder clasps, bars and rests on the model without distortion
- Repair partials without removing acrylic or teeth
- Solder without investing joints
- Fabricate and solder retainers, space maintainers and other orthodontic wire appliances
- Repair pin holes in crowns
- Solder precision attachments
- Assemble and repair ceramic metal bridges

Electric Soldering Machines come complete with carbon and ground cords, Hot Stop, brass tip, Miraflux, 5-Star Solder, \( \frac{7}{16} \) carbon, \( \frac{3}{8} \) carbon and adaptor.

42810 Soldering Machine Complete with Foot Switch and Model Holder
42820 Soldering Machine with Foot Switch
42830 Soldering Machine with Model Holder
42840 Soldering Machine Only

220v units available

Foot Control Switch

Free Both Hands!

Speeds up and simplifies production. Position soldering electrodes while current is off. Then activate the current with the foot switch and complete the soldering. It’s instantaneous. Use it to operate other 115 volt AC appliances “hands free!”

42710 Foot Control Switch

Model Holder

Adjustable clamp and rest hold model in place. Ball and socket joint permits tilting to any position.

42890 Model Holder

Soldering Accessories

- 42852 Adaptor for \( \frac{3}{8} \)” Carbon & 6 Points
- 42853 Carbon Electrode Cord
- 42854 Ground Electrode Cord
- 42858 Double Brass Tip for Ground Cord
- 42859 Brass Tip for Ground Cord
- 42860 Carbon Points 2” x \( \frac{3}{8} \)” (6)
- 42861 Carbon Points 3” x \( \frac{3}{8} \)” (6)
- 42863 Carbon Points 2” x \( \frac{7}{16} \)” (6)
- 42866 Brass Receptacle for Comfort-Cool Carbon Electrode Cord

New Product!

Hot Stop

Asbestos-free heat-absorbing compound

Hold parts firmly in place while soldering and protect porcelain and acrylic from heat. Hot Stop shapes like putty and will not burn, crack, melt, swell, or interrupt alignment. Economical because it can be used again and again!

42851 Hot Stop, 8 oz.
**Comfort-Cool Carbon Electrode Cord**

Work comfortably on all soldering jobs. The double shell construction and aluminum finned heat dissipaters eliminate the heat build-up previously common in the handles after heavy use. Easy-hold grip has the proper balance for full control precision work.

42855 Comfort-Cool Carbon Electrode

**Heavy-Duty Ground Electrode Cord**

Allows direct attachment to large appliances or to a holding fixture for high heat operations. Solid copper clamp facilitates one-hand soldering and provides the best possible current conduction.

42856 Heavy-Duty Ground Electrode

**Double Clip Ground Electrode Adaptor**

Special twin alligator-clip attachment improves distribution of heat on both sides of solder joint while freeing one hand. Absolutely necessary for successful ceramic metal soldering, highly recommended for all operations.

42857 Double Clip Ground Electrode Adaptor

**Perfec-Flo Solder**

The perfect solder for all electric soldering operations. Triple thickness reduces electrical resistance and provides uniform heat distribution. Will not overheat, ball up or oxidize. This free flowing solder’s excellent capillary action guarantees deep penetration, precise control, and exceptionally high strength. Ideal for orthodontic applications, attachments and all partial repairs. Supplied in convenient, easy-to-use triple thick flat strips.

42875 Perfec-Flo Solder, 6 DWT

**Miraflux**

*A superior paste flux for all soldering operations.*

Miraflux flows at 900°F. It protects metal from oxidation while heating and also assists in the flow of the solder. This easy-to-use creamy paste form is adaptable to all soldering operations on gold, silver and stainless steel. Also recommended for use with blowpipe or Bunsen burner. Packed in 2 oz. jars.

42880 Miraflux, 2 oz.

**Cerami-Flo Solder**

Specifically formulated for the electric soldering of ceramic crown and bridge metals. Possesses excellent flow characteristics and strength. Supplied in convenient 1/16" rods.

42877 Cerami-Flo Solder, 10 DWT

**Cerami-Flo Flux**

Cerami-Flo’s excellent capillary attraction protects ceramic metal surfaces from oxidation and provides the penetration required for successful solder joints.

42887 Cerami-Flo Flux, 20 grams

**“5-Star” Solder**

An economical general purpose solder for chromium alloy, stainless steel and gold. Strong, quick-flowing rapid build-up, always uniform. In yellow-gold color. Alloyed from high quality silver and non-precious metals. Especially indicated for use where the soldered areas are to be covered by denture material.

42870 “5 Star” Solder, 1 oz.
ORTHO WELDER

The “All In One Workhorse”
THREE MACHINES IN ONE:
• ortho welder
• electric solderer
• wire annealer

Full feature, heavy-duty, one-time-purchase, yet compact, functional, easy-to-use and maintenance-free.
Ideal for ortho labs and offices, commercial labs, and any lab wanting instant results. Invaluable and economical – saves time, labor and space. An exceptional profit generator.

Designed in consultation with leading orthodontists and orthodontic lab technicians. Use as a welder for wire, brackets or bands, as a stress reliever for wire or an electric soldering machine for partials and C&B.

This versatile machine does it all, from low-heat soldering to high heat welding. It’s the most economical full-feature quality orthodontic welder on the market.

INCREASED POWER: 200% more welding power from a larger transformer makes for quicker and cleaner welds, improved remote welding capability and a wider range of power output options.

NEW: Half-inch platform cutout accommodates larger models, closer to the welding jaws.
NEW: Convenient drill chuck holds pre-soldered electrodes.
NEW: Additional thermal protective overload switch for transformer.
• Ergonomic controls
• All-metal construction - durable and attractive
• 3 heat settings
• 9 pulse time settings
• 12 welding tip combinations
• Remote weld/solder leads with tips
• Brass posts for annealing and stress relieving

Complete with a foot switch, solder, flux, non-asbestos heat sink, brass tip and carbon point for soldering, copper tips, brass posts, dual-purpose cords for soldering and remote welding and two copper electrodes for welding.

Built and guaranteed to last by Yates & Bird, veteran manufacturer of soldering and welding products.

Welding Current: up to 200 amps (approx.)
Weight: 25 lbs (11.5 kg)
Dimensions: 10” x 10.5” x 7”
Voltage: 110vAC/60Hz or 220vAC/50Hz
Draws (fused): 7 amps (110v) or 3 amps (220v)

42750  Ortho Welder, 110v
42752  Ortho Welder, 220v

Replacement Parts
42755  Footswitch
42756  Wire Gauge Drill Chuck
42782  Copper Welding Tips for Jaws (7)
42782-A  Copper Welding Tips for Cords (2)
42783  Remote Cords (2)
Gold Plater

Give the look and properties of gold without the high cost.

Electroplate a long-lasting 20K gold veneer on all precious, semi-precious and non-precious metals (including chrome cobalt and stainless steel.)

WHAT CAN BE PLATED?
Partial dentures, gingival collars, crowns, facings, clasps, copings, dummy pontics, saddles, backings, buccal arms, retention posts, Maryland bridges and more. The Gold Plater selectively plates metal, so it won’t plate, distort or discolor acrylic or porcelain.

WHY GOLD PLATE?
Many patient-related and functional benefits.
- Isolate and seal the non-precious with a gold veneer – gold is very biocompatible
- Eliminate tissue sensitivity problems, galvanic reactions, nickel leaching, and gingival collar discoloration (greening)
- Improve esthetics – appliances look beautiful in gold
  - Enhance restorations
  - Re-create gold inlays on crowns and bridges

PROFIT OPPORTUNITY
Material cost to plate appliance with a heavy wear coat is less than $0.45 per square inch. Charge customers, or consider it a "value-added" service to retain customers.

IS THE MACHINE SAFE?
The Gold Plater uses safe, low voltage. It’s short-circuitproof and shockproof.

IS IT COMPLETE AND READY-TO-USE?
The Gold Plater comes complete with all necessary accessories and supplies, four solution containers and covers, stainless steel brush plating tool, "Gang" Plating Bar, special Electro-Clean Powder and 12 ounces of "20K" Gold Solution.

"20K" Gold Solution
HOW LONG WILL IT LAST?
Each replacement bottle of gold solution will plate up to 200 square inches of surface area metal at the "heavy-wear" coat. If only a "flash" coat is required (under acrylic or subgingival) the solution will plate even more surface area.

"Gang" Plating Bar
Electro-Clean Powder
Gold Plater Accessories
“All-Season” Wax
The foremost baseplate wax throughout the world

• Only waxes in their purest form are used
• The color of “All-Season” exactly simulates flesh tones (so important for patient’s peace of mind during the try-in)
• Working qualities are exceptional
• Ideal softening temperature of 150˚F

47015 “All-Season” Wax, 3” x 6” Sheets, 5 lb.

“Set-Rite” Set-Up Wax
High purity, pliable when warm, maintains shape when cool.

The ultimate for set-ups and try-ins, a technician’s dream. Excellent workability and long working time. "Set-Rite" holds teeth perfectly in position, remaining sufficiently plastic for setting up and manipulating teeth until chilled. Sets hard without brittleness.

"Set-Rite" will not flake in the hands when heated and rolled: carves easily and smoothly without drag. Mold always boils clean – no pigment remains.

47001 “Set-Rite” Wax, 3” x 6” Sheets, 1 lb.
47005 “Set-Rite” Wax, 3” x 6” Sheets, 5 lb.

Red Refined Wax
Tough, flexible, soft and resilient

Easy to work with, an ideal all-purpose wax for boxing impressions, bite registrations and general waxing-up techniques. Working qualities offer dependable uniformity. Once set, not rigid. Low softening temperature of 140˚F.

47315 Red Refined Wax, 3” x 6” Sheets, 5 lb. box

Rijform Bite Rims
Unique pink ridge-formed bite rim saves time, wax and labor.

Highest-quality ingredients insure the utmost accuracy in bite registration. Sticks are easily shaped to conform to the dental arch.

No waste. Shape to the model, cut off and use exactly what you need.

47415 Rijform Bite Rims, Sticks, 9” x ½” x ½”, 4 lb.

We make specialty waxes for many industries. Contact our experts about custom blends, colors or bulk quantities for your needs. Jewelry? Hearing Aids? Precision Investments? Sculpture? Other?

“Sticktite” Wax
Specially formulated, strong and fast-setting – offers a superb rigid bond. Very popular for crown and bridge work.

• Clean melting and burnout assured
• No distortion - won’t give or bend
• Highly tenacious

Ideal for attaching patterns to sprue assemblies, joining impression parts, joining broken dentures, construction of bridges and bent wire work.

Available in convenient chunks. Yellow only.

47610 “Sticktite” Wax, Chunks, 1 lb.
47615 “Sticktite” Wax, Chunks, 5 lb.

Mini Wax Gun
Compact micro-electronic wax gun is a valuable time-saver, makes fastening jobs quick and easy. Thermoplastic wax dispenses cleanly and evenly eliminating the need for sticky wax or other messy adhesives – then peels off cleanly when cool. Retractable front stand keeps tool upright when not in use. Comes complete with 12 clear wax sticks.

47660 Mini Wax Gun, Complete
47661 2” x ½” Replacement Wax Sticks, 48
WAXES & WAX ACCESSORIES

Digital Wax Pot

**Precise digital temperature display; easy "raise" and "lower" temperature buttons**

- Versatile Temperature Range: 50°-115°C (± 1°C) / 122°-239°F
- Efficient: quickly reaches and maintains desired temperature
- Accurate: makes perfect copings every time
- Compact: just 4½” x 4½” x 2”
- 110/220v operation with switchable adapter
- Inner dimensions ½” deep, 1½” diameter

47715 Digital Wax Pot, 110/220v

YB Dipping Wax

**Readily shaped and carved resists warping and breakage.**

Quality tough, durable green dipping wax produces well adapted, even thickness, one-dip wax copings. Formulated to provide clean burnout and optimal hydroscopic expansion. Economical, convenient, quick melting, ½” diameter flakes allow you to use only what you need.

Melting temperature 71-76°C (160-169°F).

47705 YB Dipping Wax, 8 oz.

Boxing Wax Strips

Soft, tacky red wax is ideal for boxing-in impressions. Strips will adhere to themselves or most surfaces, without the use of heat. Boxing Strips are ⅛” thick x 1½” wide x 12” long.

47921 Boxing Wax Strips, 1 lb.

Utility Wax

Easily shaped, soft rope utility wax is well-suited for building up and post-damming purposes. Since the ropes are pliable at room temperature, they can also be used to fill sprue bases and small imperfections in pattern surfaces. Each rope is ⅛” diameter x 12” long.

47911 Red Rope Utility Wax, 1 lb.
47912 White Rope Utility Wax, 1 lb.

“All-Purpose” Blue Castable Inlay Wax

**Smooth working wax is ideal for partials, inlays, crowns and bridges.**

Exceptional durability - cast in extremely thin sections, it resists deformation from repeated handling. Guaranteed distortion-proof, this wax becomes so thoroughly hard that even under unexpected abuse it breaks before it bends! Carves beautifully, without chipping or dragging. Burns out cleanly with no residue.

Available in convenient chunks. Blue only.

47520 Chunks, 50 lb.
47521 Chunks, 1 lb.

Waxsol

Wax solvent for plastic or porcelain teeth.

48511 Waxsol, Pint
48512 Waxsol, Quart
48513 Waxsol, Gallon

Compatible with virtually all wax pots, and all the latest coping techniques

Boxing and Utility Waxes work even better together! Position Utility Wax below the peripheral border of the impression.
**Burs & Drills**

**Carbide Lab Burs**
For trimming, carving and finishing acrylic dentures and chrome-cobalt cases, these carbide burs provide the ultimate in toughness and durability. Precision ground flutes are razor sharp and assure resistance to gumming and clogging. (All except Inverted Cone feature cross-cut “chipbreaker” blades.)
Recommended operating speed: 5000 rpm. Nine standard shapes, all on 3/32” x 1 1/2” steel shanks.

- 50021 Barrel
- 50022 Cone
- 50023 Egg
- 50024 Taper
- 50025 Flame
- 50026 Cylinder
- 50027 Inverted Cone
- 50028 Pear
- 50029 Round

**Carbide Fissure Burs**
Made of solid carbide for excellence in cutting (rather than shaping) these fissure burs offer super efficiency and long life. May be used at either high or low speed and are suitable for both acrylic and metal. Ten styles available to accommodate a wide variety of uses. (1 1/2” overall length.)*

*Illustrations oversized; actual sizes listed.

<table>
<thead>
<tr>
<th>Style</th>
<th>Hd Dia.</th>
<th>Hd Lgth.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Cylinder</td>
<td>3/32”</td>
<td>1/2”</td>
</tr>
<tr>
<td>Small Cylinder</td>
<td>7/64”</td>
<td>3/4”</td>
</tr>
<tr>
<td>Large Barrel</td>
<td>3/32”</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

**Carbide Drills**
High quality carbide drills guarantee accurate dowel pin and sleeve placement. Compatible with Pindex and other die fabricating systems. Drills measure 6 mm head length, 3 mm shank diameter and 34.5 mm overall length. Packaged 3 per set.

- 50004 Small Barrel 3/32” x 3/4”
- 50005 Round 3/32” x 3/32”
- 50006 Egg 3/32” x 1/6”
- 50007 Miter 3/32” x 1/16”
- 50008 Tapered 3/32” x 1/4”
- 50009 Flame 3/32” x 1/4”
- 50010 Inverted Cone 3/32” x 1/6”

**Brass Dowel Pins**
Medium size brass dowel pins, universal type. Packed 1000 per package.

- 46210 Brass Dowel Pins, 1000

**Pin-Pal Dowel End Protectors**
Easy-access pins, no time-consuming waxes
Flexible rubber dowel end protectors simplify removal of your preparation – no mess or damage. Simply slip Pin-Pal protectors onto all your dowel pins and save time and effort. No searching for dowel pin tips, no drilling out stone.
Pin-Pals give a visual signal when grinding - to avoid contact between dowel pin and grinding apparatus
Packed 1000 per package.

- 46220 Pin-Pal Dowel End Protectors, 1000
ACRYLIC TRIMMING BURS

Plastikarvers

Save Time And Money When Trimming Acrylics

Avoid burs clogging and gumming at high speeds on acrylics. Plastikarvers are fast, smooth and accurate, and more economical than carbides.

• Heavy-duty tungsten steel lasts and lasts
• Nitrite coating resists heat
• "Razor sharp" cutting edges last indefinitely
• Strong shanks won’t bend
• Scientifically calibrated tips give high speed performance against acrylics
• "Chip Pitcher" flutes automatically clean themselves – no more gumming

Also great for podiatry, prosthetics, orthotics, ear molds, model making, hobby work and more.

Five shapes for your needs:

41830 Flame 1, Dozen
41840 Flame 2, Dozen
41850 Round, Dozen
41860 Bud, Dozen
41870 Pear, Dozen
41810 1 Dozen Assortment: 3 ea. Flame 1, Flame 2; 2 ea. Round, Bud, Pear
41820 Six-Set – one of each shape and extra Flame 2

“Super” Plastikarver

Specially designed Plastikarver with oversized, large radius cone head, approximately ¾” diameter x ¾” long, makes short work of all your heaviest acrylic trimming jobs. Has all the desirable properties and characteristics of our well established Plastikarvers.

41899 “Super” Plastikarver

FG-HP Converter

• Standardize on friction grip burs and diamonds
• Avoid stocking both FG and HP
• Eliminate the high cost of HP diamonds

68000 FG-HP Converter

MOTLOID BUFFING & BURNISHING COMPOUNDS

Highlight your craftsmanship with the finest products available for all your buffing, burnishing and polishing requirements. Save time and effort while producing a beautiful lustre.

Moldent Buffing Agent

Red for acrylic and gold
Eliminates fine scratches and gives the highest lustre to acrylic dentures, gold and other precious metals.

41940 Moldent Buffing Agent

Chrometal Burnishing Agent #1

Black – pre-buff for chromium
Quickly, easily removes scratches from chromium alloys and precious metals, and prepares surfaces for final shine.

41941 Chrometal #1

Chrometal Burnishing Agent #2

Green – high-shine for chromium
Produces an unequalled beautiful lustre on all metals, especially chrome-cobalt and gold.

41942 Chrometal #2

Use Chrometal #1 & Chrometal #2 together for best results!

Dual-Lustre Two-Purpose Polishing Medium

White-Grey for partials
Finishes and polishes the resin and restores the original lustre to chrome and gold partials. Ideal time saver for crown and bridge work, plastic or porcelain.

41943 Dual-Lustre
Tweezers
No. 17 Flagg pliers (stainless steel).

Spatula
For pastes and plaster. Flexible stainless steel blade 4" x ¾". Rosewood handle.

Aker’s Knife
Replaceable cone socket knife and spoon (stainless steel).

Single End Pick
For carving wax or chiseling dentures. Made of light weight aluminum. 5" long, tapered handle. Collet opens from 0" to ½". Complete with drill rod pick blade.

Casting Rings and Crucible Formers
Our heavy duty, 16 gauge, one-piece casting rings are manufactured from the finest quality Surgical Grade 18/8 stainless steel. Companion crucible sprue former bases are produced from quality reinforced rubber to assure long life.

Wax Carvers and Spatulas

Y+B Safety Solvent Cleaner
Non-flammable, water-soluble solvent removes wax, adhesives and other difficult materials instantly.

Leaves no residue when rinsed with water. Will not harm teeth or other dental materials, benches, furniture, carpet or clothing.

Economical ready-to-use solvent is free from chlorinated solvents and CFCs and is faster to use and yields a more thorough dewaxing. Ideal for dewaxing teeth and molds, cleaning and degreasing tools, benches, clothing and other surfaces.

Also removes tar, oil, grease, ink, contact cement, adhesive, tape, cement and much more.

Y+B Safety Solvent, 8 oz.
Y+B Safety Solvent, Quart
Y+B Safety Solvent, Gallon
**Plastipac**  
*For trial packing*

Plastic film separates the cast from the denture, and is so thin that the surface produced is unsurpassed in accuracy. It stretches when pulled, yet leaves no wrinkles, folds or creases. Plastipac eliminates tinfoiling and lacquering the cast (and the subsequent cleaning).

45515  Plastipac, 5” x 5” (1000)  
45520  Plastipac, 4” x 4” (1000)

**Plasticlear**  
*For final packing - strong, wrinkle free "wet and stretch“*

0.0015” stretches to 0.0005” for use. Will not fold into denture. No checking, totally non-reactive to acrylics. No adhesion, peels off the plastic case in one piece. Excellent results with clear as well as pigmented acrylic. Ideal for all types of plastic dentures, for cleft palate cases and for corrective bite in orthodontia cases. Eliminates the need for tinfoiling, even in clear palate cases. Absolutely no cloudiness. No lacquering or cleaning necessary.

Packed 500 sheets to a box.  
45420  Plasticlear, 4” x 4” (500)

**Foilex**

Ideal substitute for tinfoil. Easy to use fool-proof formula. Red tinted liquid.

45710  Foilex, 16 oz.  
45720  Foilex, Gallon

**ELASTO-VEST**

**Insulating & Duplicating Paste**

*The cushion-coating for better, easier-finished dentures*

Elasto-Vest is a coating to protect, safeguard and help in the “break-out” devesting of your acrylic denture work.

Use it on all acrylic, porcelain and composite teeth. Cleaning off your freshly processed denture used to involve a tough break-out, picking away stone/plaster from the gingival tooth area and too long in the ultrasonic….now with Elasto-Vest ...save time, money and hassle!

46520  Elasto-Vest, 20 oz. Kit with Activator  
46521  Elasto-Vest, 300 gm. squeeze bottle Kit with Activator

**Elasto-Vest**

Use it on all acrylic, porcelain and composite teeth. Cleaning off your freshly processed denture used to involve a tough break-out, picking away stone/plaster from the gingival tooth area and too long in the ultrasonic….now with Elasto-Vest ...save time, money and hassle!

46520  Elasto-Vest, 20 oz. Kit with Activator  
46521  Elasto-Vest, 300 gm. squeeze bottle Kit with Activator
Compact Vibrator

Low cost investment vibrator is ideal for dental office or laboratory use. This high quality unit features a wide, cast aluminum base for better stability, an exceptionally quiet motor, a 4” diameter work platform and a three speed switch. Overall dimensions are 4½” x 4½” x 4” high.

42615  Compact Vibrator

220v units available

Heavy Duty Vibrator

Total rheostat control “Full power” does the largest flask, “barely perceptible” doesn’t damage fragile patterns and impressions

Electromagnetic design has many advantages:
• High-speed-action drive units – 3600 vibrations per minute liberate bubbles and voids in molds for solid, dense results
• Outstanding durability – not motor-driven, so continuous use does not cause heat build up or damage
• No moving parts – no lubrication, minimal parts replacement

Self-contained, compact and only 19 pounds – easily portable

Fully enclosed aluminum case – rubber top removes for cleaning
Large 8½ x 5½ surface fits several cases

42610  Heavy Duty Vibrator

220v units available

42612  Replacement Rubber Top
42613  Replacement On/Off Switch
42619  Replacement Rheostat
42630  Replacement Metal Top

Universal Plate Strengtheners

Pre-formed stainless steel plate strengtheners are stamped with a specially designed raised pattern to ensure maximum retention.

46250  Universal Plate Strengtheners, Dozen

Mixing Bowls

Superior quality, flexible rubber mixing bowls provide easy clean-up, just flex and wipe. Available in four sizes.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3½”</td>
</tr>
<tr>
<td>Medium</td>
<td>4½”</td>
</tr>
<tr>
<td>Large</td>
<td>4½”</td>
</tr>
<tr>
<td>X-Large</td>
<td>5½”</td>
</tr>
</tbody>
</table>

46751  Small
46752  Medium
46753  Large
46754  X-Large

46750  Universal Plate Strengtheners, Dozen

VIBRATORS

46250  Universal Plate Strengtheners, Dozen
46750  Universal Plate Strengtheners, Dozen
46750  Universal Plate Strengtheners, Dozen
46750  Universal Plate Strengtheners, Dozen
**Tin Plater**

*Increase the retention strength of your cements on gold or palladium crowns, bridges and inlays.*

Compact unit plates pure tin (.999 fine) to the insides of crowns, bridges, Maryland Bridges and inlays, easily and quickly. The addition of a fine layer of tin significantly increases (up to 250%) the retention of a restoration when using glass ionomer cements and Bis-GMA resins, like Panavia, Superbond and New Bond. Tin Plating is recommended for precious and semi-precious metals.

Just one step! Simply clip the item to be plated with the alligator clip and immerse it in the tin plating solution for two minutes. The resulting coat of tin is perfectly uniform over the entire metal surface, and there is no pen or rod to hold.

Made of stainless steel, 7” x 3½” x 4½”. 115vAC. Includes regulated power source, plastic container, solid tin anode, tin solution and easy instructions.

- 42951 Tin Plater Complete
- 42995 Replacement Tin Anode
- 42974 Tin Plating Solution, 12 oz.

**Waxirons**

Cast of chromium cobalt alloy. Indestructible in a constant flame. “Must” item for a busy laboratory technician. Working end has both a concave and a convex surface for easy smoothing, finishing and evening and carrying of wax. Complete set contains one each small and large waxiron and two extra handles.

- 49100 Waxiron, Complete Set
- 49101 Waxiron, Small with Handle
- 49102 Waxiron, Large with Handle
- 49103 Handle Only

**MEASURING DEVICES**

**Precision Calipers**

Precision stainless steel instruments. Easy-to-read 1/10 millimeter, dual-sided calibrations guarantee accurate thickness measurements. Models available for metal or wax.

- 46230 Precision Caliper for Metal
- 46231 Precision Caliper for Wax

**Dial Caliper**

Highly accurate to 0.05 mm. Measuring range 0-10 mm. Made of best quality stainless steel.

- 46235 Dial Caliper
Rapid-Glaze Diamond Porcelain Polishing Paste

Stop wasting time and money re-glazing porcelain appliances after minor adjustments

- Polycrystalline structure of millions of microscopic diamonds (one micron)
- Effortlessly cuts and polishes to a mirror-like glazed finish in seconds
- Non-toxic, water soluble, safe and clean
- Simple – chairside on a prophyl cup or chamois wheel, in the lab on a felt wheel or cone

Labs
- save time and money by not re-firing
- eliminate the chance of defects or mistakes
- save chair time
- eliminate multiple appointments

Dentists
- save chair time
- eliminate multiple appointments

Adjustments are no longer expensive or time consuming because Rapid Glaze eliminates the need for re-glazing after adjustments! Rapid Glaze gives you the same brilliance as the original porcelain.

Rapid Glaze gives you the same brilliance as the original porcelain.

Rapid-Glaze Diamond Porcelain Polishing Paste

Ultrasonic Cleaner
Cleans any object that can be immersed in liquid. This versatile unit is ideal for both dental office and laboratory use. Compact enough (5" cube overall size) for convenient chairside use, but large enough with its 3½” diameter x 2” deep tank to accommodate full dentures and many other laboratory items. Model 42 generates 42,000 high-intensity cleaning pulses every second that instantly clean any dental diamond, bur, instrument or dental appliance.

42342 Ultrasonic Cleaner, Model 42

Mylar Matrix Strips
Clear mylar matrix strips, 4” x ⅛” x .002” thick, 1000 per package.

51011 Mylar Matrix Strips, 1000

Tofflemire Matrix Bands
Stainless Steel Tofflemire type matrix bands available in two thicknesses, .0015 gauge and .0020 gauge, and in four styles per thickness, #1, #2, #3, and #13. One dozen per package.

.0015”  .0020”

51101  51102  51201  51202

51103  51203

51113  51213

Tofflemire Retainers
Stainless Steel Tofflemire type retainers can be used with any width band. Locks securely, releases instantly, and adjusts easily.

51001 Tofflemire Retainer, Universal

51002 Tofflemire Retainer CA (adult)

51003 Tofflemire Retainer CA (child)

DENTISTRY ITEMS

14
ORDER FORM

Name ____________________________________________
Company __________________________________________
Address __________________________________________
City ___________________ State _____ Zip ___________
Phone ______________________________ Fax ___________
eMail ____________________________

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Item Number/Description</th>
<th>Price</th>
<th>Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PAYMENT METHOD

[ ] VISA  [ ] Master Card  [ ] Discover

Card Number: ____________________________ Exp. Date: _____________

Signature: ____________________________

TOTAL ____________

Conversion to Metric?

- Inches to centimeters: \( \times 2.54 \)
- Ounces to grams: \( \times 28.35 \)
- F to C: \( T_{\text{C}} = T_{\text{F}} - 32 \times \frac{5}{9} \)
- Ounces to milliliters: \( \times 28.35 \times 0.001 \)
- Pounds to grams: \( \times 453.592 \)
- Microns to millimeters: \( \times 0.001 \)
- Gallons to liters: \( \times 3.7854 \)
- Quarts to liters: \( \times 0.94635 \)
- Pints to liters: \( \times 0.473176 \)
- Microinches to millimeters: \( \times 0.000025 \)

See our always-changing web page for current specials and new products!

www.yates-motloid.com

ORDERING INFORMATION

Dealers: Order by catalog number. Please see accompanying Price List. NOTE TO NEW CUSTOMERS: To expedite shipment of your initial order, please include three credit references.

Laboratories: Order by catalog number. Please see accompanying Price List. If you encounter any problems in obtaining our products from your dental supply dealer, please contact us for assistance.

NOTE: Please specify unit quantities when units are available as standard multiples; i.e., order “two dozen”, “three boxes of 100”, “four 5-pound boxes”, etc., and NOT “24”, “300”, “20 pounds”, etc.

Request a catalog from our sister company Motloid, a leader in high quality acrylics: self and heat cure, tooth, denture, repair, tray and ortho!

www.yates-motloid.com

sales@yates-motloid.com  www.yates-motloid.com
Coldpac Tooth Acrylic

The perfect Temporary Crown and Bridge Material. For true tooth shades on veneers, jacket crowns and bridges, both dentists and laboratories have found this grade ideal. Proper denseness insures desired hardness, fracture resistance and excellent workability. Monomer is cross-linked and color fast.

Coldpac is considered by many leading lecturing prosthodontists and post-graduate schools to be the finest TC&B material available.

Coldpac Tooth Acrylic properties allow the creation of tooth surfaces that are both esthetically attractive and functionally durable. Available in convenient kits as well as individual Nu-Hue and Vita Shades.

Powder available in 1, 2, 4, 8 or 16 ounces.
Liquid available in 1, 2, 4, 8, 16 or 32 ounces.
Dental Office Kit contains eight 1 oz. powders and two 1 oz. liquids
Dental Lab Kit contains eight 2 oz. powders and two 2 oz. liquids
Larger, or custom-designed kits available on request

Coldpac Repair Acrylic for Dentures

Flash Set

A superior all-purpose, cold-cure acrylic for all kinds of repairs replacing broken teeth, mending cracked and broken dentures, adding teeth or clasps to partials, relining, rebasing and post-damming.

Crosslinking adds a dimension to the molecular structure, making this acrylic stonger than ever, and craze and shrink resistant. Compatible with “pour” technique.

Coldpac Repair “Flash” set quickly forms a true chemical bond with all acrylic and co-polymer denture resin materials. Air curing removes possibility of warping through heating. Available in the following shades: Plain (light pink, clear); Granular (orange-pink); Fibered (light, medium).

Powder available in 16 oz., 32 oz. and 6 lbs.
Liquid available in 8 oz., 16 oz. and 32 oz.
Kits available:
16 oz. powder/8 oz. liquid
32 oz. powder/16 oz. liquid
6 pounds powder/1-1/2 quarts liquid

Coldpac Ortho Resin

Premium quality self-cure low-flow resin is ideal for orthodontic appliances and retainers. Versatile material is well suited for pour, pack or dusting technique.

Powder available in high clarity clear and pink. Liquid available in clear, translucent pink and translucent blue.

Powder available in 4 oz., 16 oz. and 6 lbs.
Liquid available in 4 oz., 8 oz. and 32 oz.
Kits available:
4 oz. powder/4 oz. liquid,
16 oz. powder/8 oz. liquid,
6 pounds powder/1-1/2 quarts liquid
Brighter colors, like blues, greens, purples, reds, etc. available for custom bulk orders.

Miracryl Plus

Denture Base Acrylic

The low-cost acrylic denture base. Supplied with cross-linked heat-cure monomer.

Available in the following shades: Plain (clear, pink); Granular (orange-pink); Fibered (mylon dark, mylon light).

Powder available in 16 oz., 32 oz. and 6 lbs.
Liquid available in 8 oz., 16 oz. and 32 oz.
Kits available:
16 oz. powder/8 oz. liquid,
32 oz. powder/16 oz. liquid,
6 pounds powder/1-1/2 quarts liquid