Equipment & Accessories
The Dynamic Duo™
We have OPTIMIZED two of our most popular units into ONE COMPLETE System!!

Our V-35 MicroMotor – The V35 electric handpiece system features a High Quality, multi-speed control console teamed with our Dependable Gray Handpiece. A heavy-duty, 35,000 RPM, lab-only handpiece system for use with HP-sized burs that offers high durability, high torque and extremely smooth operation. NO Foot Control Required!!!!

Our ThermaKnife™ Thermal Tray Trimming Knife - A time-saving knife with a hot-tipped blade that promotes fast and easy trimming of ALL vacuum formed materials. Adjustable temperature control for precise heat adjustment providing the operator with immediate heat for fast cutting and trimming. Lightweight pen with sharp, permanent tip promotes improved comfort and control. We have even added an EXTRA OUTLET for an additional Pen. Unit Comes complete with 1 Knife edged Tip Pen.

Item # Description
38760 Buffalo Dynamic Duo V-35/Therma-Knife Combo Unit Complete, 120 V AC
38765 Buffalo Dynamic Duo V-35/Therma-Knife Combo Unit Complete, 220 V AC

X50 Lab Handpiece
Premium 50,000 RPM High Torque System!
- Ultra-High Torque Cutting Power Brushless high-torque motor and control system provide brute-strength 7.8 N. cm. torque and precise control from 1,000 to 50,000 rpm with no carbon brush maintenance.
- New Whisper-Quiet Motor New brushless motor features ultra-quiet and extremely smooth operation. Improved bearings and balance provide highly-concentric, vibration-free operation in a sealed, maintenance-free design. Convenient twist lock/unlock chuck provides safe and secure holding of HP-sized instruments.
- New Advanced Console Design with Microcomputer Control New intelligent microprocessor control provides fully variable speed via console or foot control. Console provides precise speed control, digital rpm display, and controls for hand/foot and forward/reverse operation.

Item # Description
37800 x50 brushless 50,000 rpm electric handpiece system 120V AC

X40 Lab Handpiece
New 40,000 RPM High-Torque System Updates Our Classic X35 and Provides Additional Speed and Torque
- New 40,000 RPM Handpiece 40k blue electric handpiece features an improved heavy-duty spindle, upgraded bearings, and more durable square carbon brushes, providing higher speeds, smoother operation, and increased reliability.
- Improved Console The upgraded control console features dual power outlets allowing fast and easy switching between two separate handpieces as desired (one handpiece included with system), saving time-wasting tool changes. Highervoltage output and additional overload control help protect the handpiece from damage during extended heavy grinding.

Item # Description
38055 x40 electric handpiece system 120V AC
38087 x40 electric handpiece system 220V AC

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

Item # Description
38000 X35 Standard System, 120 V AC (X35 Console, Std. Black Handpiece, Foot Control)
38020 X35 Standard System, 220 V AC (X35 Console, Std. Black Handpiece, Foot Control)
V35 Electric Laboratory Handpiece System

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

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

**Item # | Description**
---|---
37570 | V35 Gray Electric Handpiece System, 120 V AC (V35 Console, Gray Electric Handpiece, and Handpiece Rest)
37572 | V35 Gray Electric Handpiece System, 120 V AC (V35 Console, Gray Electric Handpiece, Foot Control and Handpiece Rest)

M35 Electric Laboratory Handpiece System

New High-Torque Variable Speed System Features a Compact and Versatile Design.

- High-Torque Cutting Power from 0-35,000 RPM New high-torque handpiece and control system provide excellent cutting power and smooth control in a compact system.
- Improved Versatility System is designed for 120 V AC operation but can be easily switched to 220 V AC via setting on the underside of the Console.
- Improved Console and Controls provide fully variable speed via console or foot control, simplify operation and protect the controls and handpiece.

**Item # | Description**
---|---
38120 | M35 Electric Handpiece System 120 V AC / 220 V AC

Magic Wand™ Electric Laboratory Handpiece

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

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

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

**NEW* Dust Containment Unit

Enhance safety for you and your assistant’s with the new Buffalo Dental Manufacturing Dust Containment Unit. The D.C.U. for short, is an enclosed unit featuring an internal light, suction fan and filter systm that will allow you to use the supplied handpiece in a more sanitary and safe environment.

- Efficient suction fan and filter collect damaging grinding debris and maintain quiet operation.
- High-Powered, reliable, 35,000 RPM V35 Electric HP System ideal for most cutting and grinding needs.
- High capacity internal filter that is fully replaceable.
- Convenient Handpiece clip on top of unit to keep your handpiece at the ready.

**Item # | Description**
---|---
36800 | Dust Containment Unit, 120 V AC

**Electric Handpiece Accessories**

**Item # | Description**
---|---
38025 | Standard Black Handpiece Only
37590 | Gray Electric Handpiece Only
38010 | X35 Console (Control Box) Only, 120 V AC
38015 | X35 Console (Control Box) Only, 220 V AC
37500 | V35 Console (Control Box) Only, 120 V AC
37520 | V35 Console (Control Box) Only, 220 V AC
38050 | Foot Control Only for X35 System
37430 | AC Foot Control for V35 System, 120 V AC
37430-W | Multi-Wrench for Handpieces
37430-MW | AC Foot Control for Magic Wand Console, 120 V AC
38025LCG | Coiled Line Cord Only for Standard Black Handpiece
37590-37 | Carbon Brushes for Gray Handpiece, Set of 2
38025C | 3/32” HP Chuck for Standard Black Handpiece-Older Style: 7/8” Long
38025CN | 3/32” HP Chuck for Standard Black Handpiece-Neuer Style: 1 1/4” Long
37590-14 | 3/32” HP Chuck for Gray Handpiece

Call for additional accessories and replacement parts.

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159 Lafayette Drive, Syosset, NY 11791-0678 USA
Tel: (800) 828-0203 • (516) 496-7200 • Fax: (516) 496-7751 • Fax(orders): (516) 213-6610
www.buffalodental.com
No. 16 Laboratory Engine

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

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>36919</td>
<td>No.16 Engine w/ Electronic Rheostat, Regular Arm, 120 V AC</td>
</tr>
<tr>
<td>36920</td>
<td>No.16 Engine w/ Electronic Rheostat, Bantam Arm, 120 V AC</td>
</tr>
<tr>
<td>36937</td>
<td>No.16 Engine w/ Electronic Rheostat, Regular Arm, 220 V AC</td>
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</tbody>
</table>

Engine Rheostats
(Speed Controls) for Lab Engines

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>37470</td>
<td>Electronic Rheostat, 120V AC, 6 Amp Max</td>
</tr>
<tr>
<td>37480</td>
<td>Electronic Rheostat, 220V AC, 6 Amp Max</td>
</tr>
</tbody>
</table>

Engine Belts and Pulleys

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

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>05050</td>
<td>6.5&quot; Engine Belt</td>
</tr>
</tbody>
</table>

No. 101 Laboratory Handpiece

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

- Convenient push-type chuck is tightened from back via knurled handle
- True-running handpiece minimizes end play and generates smooth performance

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>49300</td>
<td>No. 101 Laboratory Handpiece</td>
</tr>
</tbody>
</table>

Handpiece Cleaner & Lubricant

For quick, daily maintenance of belt driven handpieces.

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

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<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>49700</td>
<td>Handpiece Cleaner, Pint</td>
</tr>
<tr>
<td>49730</td>
<td>Handpiece &amp; Engine Arm Lubricant, Medium Viscosity, Pint</td>
</tr>
</tbody>
</table>

FC330 Handpiece

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

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

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>49540</td>
<td>No. FC330 Handpiece</td>
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</tbody>
</table>

Hanging Motor Accessories

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>37100</td>
<td>Flexible Drive Cable for Flex-Shaft</td>
</tr>
<tr>
<td>37110</td>
<td>Drive Cable Sheath for Flex-Shaft</td>
</tr>
<tr>
<td>37202</td>
<td>Carbon Brush w/ Spring for No. 150 and No. 15 (2 Needed)</td>
</tr>
</tbody>
</table>
No. 150 Flex-Shaft Electric Hanging-Motor System

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

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>37075</td>
<td>Chrome No. 150 Flex-Shaft w/ Electronic Rheo., 120 V AC</td>
</tr>
<tr>
<td>37075HP</td>
<td>Chrome No. 150 Flex-Shaft w/ Electronic Rheo. &amp; 330FC, 120 V AC</td>
</tr>
<tr>
<td>37075XR</td>
<td>Chrome No. 150 Flex-Shaft w/ No Rheo., 120 V AC</td>
</tr>
</tbody>
</table>

Optiblast II™ Micro-Sandblasting System

Abrasive micro-sandblasting is a popular procedure used in the dental lab for increasing bonding strengths prior to repairing or cementing restorations. Treatment with the Optiblast II prior to bonding can increase the surface area of metals, porcelains, and composites up to 400% and greatly increase the resultant bonding strengths. The non-recirculating design also makes quick and easy work of everyday micro cleaning and roughening tasks in the lab.

Optiblast II is one of the highest value and easiest to maintain systems available, and is superior to other microblasters on the market. Our precision, commercial-grade needle valve is used to accurately control airflow as opposed to other systems that use a less expensive pinch valve system. It’s another great value from Buffalo Dental, a proven leader in dental products and supplies!

**Features**
- Small body (6 1/2" long x 5/8" diameter) minimizes fatigue and improves access
- Precision fingertip-controlled needle valve provides superior tactile sensitivity
- Adjustable head to allow for varying work angles

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>36700</td>
<td>Optiblast II Micro-Sandblaster Complete w/60° Tip, 3' x 1/8&quot; Air Tubing, and a sample bottle of 50 micron Aluminum Oxide Blasting Media</td>
</tr>
<tr>
<td>36700TA</td>
<td>Tip Assembly replacement Media Jar (with lid) for Optiblast II</td>
</tr>
<tr>
<td>36600</td>
<td>Lab Disconnect Kit (includes Disconnect Coupling only for 1/4&quot; ID Tubing)</td>
</tr>
<tr>
<td>36556</td>
<td>Aluminum Oxide Blasting Media, 50 Micron, 1 lb. Refill</td>
</tr>
<tr>
<td>36590</td>
<td>Aluminum Oxide Blasting Media, 50 Micron, 4 lb. Refill</td>
</tr>
</tbody>
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Opti™ Workstation

*The Ideal Lab Workstation for the Optiblast II with Built-in Dust Collection*

The Opti Workstation is a brightly illuminated, easy to use, small dust collecting cabinet for use with the Optiblast, electric handpieces, or other dust-producing devices in the office or lab.

**Features**
- Small size (11" wide x 12" deep x 8 1/2" high) fits easily on countertops
- Hinged top window and internal light fixture provide bright illumination for clear viewing
- Dual, wide hand holes allow comfortable hand positioning and access to large workspace
- Efficient suction fan and filter collect damaging grinding debris and maintain quiet operation
- Additional 120 V AC power outlet on the back of the unit for operating electric devices
- Hinged rear door for easy cleaning

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>36560</td>
<td>Opti Workstation with Suction, 120 V AC</td>
</tr>
<tr>
<td>36565</td>
<td>Opti Workstation with Suction, 220 V AC</td>
</tr>
<tr>
<td>36570</td>
<td>Opti Workstation w/o Suction, 120 V AC (w/2-7/8&quot; OD port on back for connection to a central dust collection system)</td>
</tr>
<tr>
<td>36575</td>
<td>Opti Workstation w/o Suction, 220 V AC (w/2-7/8&quot; OD port on back for connection to a central dust collection system)</td>
</tr>
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AccuCast™
Premium Casting Machine

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

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

Castmaster™ II Casting Machine

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

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

Cradles

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>28014</td>
<td>No. 12A for 1 1/4” diameter Flask</td>
</tr>
<tr>
<td></td>
<td>(For AccuCast Only)</td>
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<tr>
<td>28015</td>
<td>No. 17A for 1 3/4” diameter Flask</td>
</tr>
<tr>
<td></td>
<td>(For AccuCast Only)</td>
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<tr>
<td>28016</td>
<td>No. 25A for 2 1/2” diameter Flask</td>
</tr>
<tr>
<td></td>
<td>(For AccuCast Only)</td>
</tr>
<tr>
<td>28017</td>
<td>No. 35A for 3 1/2” diameter Flask</td>
</tr>
<tr>
<td></td>
<td>(For AccuCast Only)</td>
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<tr>
<td>28013</td>
<td>Standard Hood, Quartz (reqs. Adapter)</td>
</tr>
<tr>
<td>28018</td>
<td>Type &quot;A&quot;, Quartz</td>
</tr>
<tr>
<td>28012</td>
<td>Jumbo Type &quot;A&quot;, Clay</td>
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<tr>
<td>28172</td>
<td>Adapter for Kerr-Type Crucible</td>
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</table>

Crucibles

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>28030</td>
<td>No. 12 Ring- (1 1/4”x1 1/2”)</td>
</tr>
<tr>
<td>28040</td>
<td>No. 17 Ring- (1 3/4” x 1 1/2”)</td>
</tr>
<tr>
<td>28050</td>
<td>No. 25 Ring- (2 1/2” x 2”)</td>
</tr>
<tr>
<td>28060</td>
<td>No. 35 Ring- (3 1/2” x 2 1/2”)</td>
</tr>
<tr>
<td>28061</td>
<td>No. 45 Ring- (3 1/2” x 5”)</td>
</tr>
<tr>
<td>28140</td>
<td>No. 12R Sprue Base - (1 1/4”)</td>
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Ring Flasks

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>28030</td>
<td>No. 12 Ring- (1 1/4”x1 1/2”)</td>
</tr>
<tr>
<td>28140</td>
<td>No. 12R Sprue Base - (1 1/4”)</td>
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Rubber Sprue Bases

<table>
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<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>28030</td>
<td>No. 12 Ring- (1 1/4”x1 1/2”)</td>
</tr>
<tr>
<td>28140</td>
<td>No. 12R Sprue Base - (1 1/4”)</td>
</tr>
</tbody>
</table>
DryVac™ Dust Collector
A durable, high-vacuum dust collector for situations requiring powerful, short duration dust extraction (indicated for dry model trimming.) DryVac features a powerful vacuum motor that provides strong suction, high capacity, and a simple and effective paper filter system.
- 1/2 HP intermittent-duty vacuum motor provides strong, high pressure (100 cfm) suction
- Permanently lubricated bearings and motor silencer cover promote quiet, reliable operation
- Comes complete with 4 feet of dust collection hose and filter paper
- Size: 24" H (27" w/ Silencer) x 15" D with 2 7/8" OD inlet

DustClear™ PreFilter Dust Collection System
DustClear is an efficient dust collection cabinet that features the innovative Air-Reverse™ filter cleaning technology. The non-powered cabinet is designed for use directly behind extremely dusty operations such as dry model trimming, but ahead of existing central dust collection systems. When used in this manner as an economical pre-filter unit, DustClear extracts nearly 100% of the voluminous waste from dusty procedures, protects down-stream equipment, and borrows suction power from the existing central dust collection system. DustClear can also be outfitted as a stand-alone powered dust collector by adding the companion intermittent-duty vacuum motor listed below.
- AirReverse filter cleaning system (requires 80 psi compressed air) quickly and thoroughly cleans the filter cartridge and restores peak filtering efficiency
- Clear viewing window and quick-opening top promote convenient monitoring and cleaning of the system
- High-efficiency, pleated polyester filter cartridge traps dust and can last twice as long as other filters
- Large cabinet (11" W x 14" D x 18 1/2" H (w/o Motor) x 65 lbs.) w/ top mounted 2 7/8" OD air inlet and outlet ports
- Optional top-mounted 1/2 HP vacuum motor (10 1/2" H) converts DustClear to a high-powered, 100 CFM, stand-alone dust collector ideal for intermittent-duty use

DustStation™ I
A classic, high performance, commercial grade dust collection system. DustStation I is a highly reliable unit designed to provide powerful, continuous and quiet dust collection for one or two work-stations.
- 1/2 HP continuous-duty motor, “squirrel-cage” blower, and dual 2 7/8" OD air inlets create steady 400 CFM suction
- Large cabinet size (15" W x 15" D x 21" H) features high collection capacity yet still fits beneath lab benches
- Air-tight seals and quiet motor promote low noise (72 decibels) and high efficiency
- Filter system features 14 cotton-covered steel mesh elements with extended surface area for entrapping dust particles down to 1/2 micron size
- External shaker handle permits fast and effective cleaning of filter elements

<table>
<thead>
<tr>
<th>Item #</th>
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<tbody>
<tr>
<td>34000</td>
<td>DryVac Dust Collection System, 120 V AC</td>
</tr>
<tr>
<td>34050</td>
<td>DryVac Dust Collection System, 220 V AC</td>
</tr>
<tr>
<td>BAG3</td>
<td>Replacement Filter paper for DryVac, Pkg. of 1</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>37005</td>
<td>DustClear PreFilter Unit</td>
</tr>
<tr>
<td>37008</td>
<td>DustClear PowerUp Kit (Vacuum Motor), 120 V AC</td>
</tr>
<tr>
<td>37000</td>
<td>Fully Powered DustClear PreFilter System, 120 V AC</td>
</tr>
<tr>
<td>F114</td>
<td>Replacement Filter For DustClear</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>35050</td>
<td>Dust Station I, 120 V AC</td>
</tr>
<tr>
<td>35060</td>
<td>Dust Station I, 220 V AC</td>
</tr>
<tr>
<td>35050S</td>
<td>Silencer for Duststation I</td>
</tr>
<tr>
<td>35052</td>
<td>Filter Bags, Set of 14</td>
</tr>
<tr>
<td>35052AC</td>
<td>Filter Bags for Aluminum Oxide, Set of 12</td>
</tr>
<tr>
<td>42101</td>
<td>Filter, 10 x 12 x 2 (For No. 807 Type Unit)</td>
</tr>
<tr>
<td>35082</td>
<td>No. 84 Filter Bags (Set of 30 for TORIT brand Unit)</td>
</tr>
<tr>
<td>35040-8</td>
<td>Vacuum Hose (3&quot; ID), 8 Foot Section</td>
</tr>
</tbody>
</table>
Mobile LabStation™ with Suction

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

- Enclosed powered Workbench Suction Drawer with clear safety shield provides effective grinding workstation.

Workbench Suction Drawer

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

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

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

Pony™ Sandblaster

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

- Tightly sealed left-side neoprene glove and top window keep dust enclosed in cabinet.
- On/Off power switch on cord for convenient control of cabinet illumination.

Item # Description
75800 Pony Sandblaster Complete, 120 V AC
75801 Pony Sandblaster Complete, 220 V AC
75810 Silica Blasting Media, 5 LB. Bag
No. 220 Air Turbine Handpiece
A classic, economical, 350,000 rpm air turbine handpiece that features powerful and comfortable operation.
- Excellent power and torque for coarse grinding of porcelains and non-precious alloys
- Compact, lightweight design promotes ergonomic, comfortable operation
- FG-sized chuck and turbine system feature extended life and minimal maintenance
- Convenient push rod for ejection of friction-held 1/16” diameter burs
- Complete system includes No. 220 Handpiece, Filter/Reg/Lubricator unit w/ Wall Bracket and Connectors, Foot Control w/ 8’ long Hoses, Chuck Tool, Replacement Metal Chuck, and Oil

MaxAir™ Air Turbine Handpiece
A durable air turbine handpiece with 350,000+ rpm speed and an improved, modular cartridge system.
- Ideal spindle precision, smoothness, and torque for fine grinding of porcelains and non-precious alloys
- Heavy-duty design improves reliability and promotes ergonomic, comfortable operation
- Improved modular turbine cartridge system extends turbine life and allows fast and easy replacement
- Convenient push rod for ejection of friction-held 1/16” diameter burs
- Complete system includes MaxAir Handpiece, Filter/Reg/Lubricator unit w/ Stand and Connectors, Foot Control w/ 8’ long Hoses, Chuck Tool, Replacement Metal Chuck, and Oil.

Item #   Description
01000   No. 220 Handpiece, Complete w/ Foot Control, Reg, Access.
01050   Handpiece only, MaxAir
01070   Turbine Head Cartridge Only for MaxAir

Item #   Description
01108   Handpiece only, No. 220
01116   Turbine Head Cartridge Only for No. 220
Note: 220 HP requires 60 - 80 psi and 2 CFM compressed air for optimum operation

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

Item #   Description
01120   Metal Chuck Only For No. 220 and MaxAir Handpieces
01121   Standard Chuck Removal Tool for Metal Chuck
01125   Pro Removal Tool Set for 220 HP Metal Chuck
01122   Installation (Compression) Tool for Metal Chuck
01154   Metal Chuck for No. 8300 HP
01152   Chuck Removal Tool for No. 8300 HP
01156   Cartridge Only for No. 8300 HP
01103   Air Foot Control (w/ 8’ Tubing) for Air Turbine Handpieces
01110   Regulator/Filter Unit
01112   Automatic Lubricator Unit
01115   Wall Bracket for Regulator/Filter Unit
01118-8   Flexible Air Tubing (gray, 1/8” ID), 8 ft. Section
01119-8   Rigid Air Tubing (black, 3/16” ID), 8 ft. Section
01109   Turbine Oil, Low Viscosity, 1 Oz.
01127   Turbine Oil, Low Viscosity, 1 Quart
Buffalo Dental Lathe-
Fully Enclosed Sanitary Lathe

A fully enclosed polishing lathe that contains grinding dust within a lighted, compact work cabinet.
- Multiple, rubber-shielded hand entry ports and clear viewing window for improved access and vision
- Easily attaches to dust collector via 1 1/2" OD port on back of cabinet
- Simplified design features one-button operation to start lathe and illuminate cabinet

- Powerful, 1/2 HP, 3450 RPM motor with durable belt drive operates commercial-grade spindle for maximum torque
- Medium size (17"W x 12" D x 12" H, 55 lbs.) keeps unit compact but provides adequate internal working space
- Unit comes complete with dual tapered spindles and removable dustpans

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>58300</td>
<td>Sanitary Lathe Complete w/Dual Tapered Spindles, 120V AC</td>
<td></td>
</tr>
<tr>
<td>58301</td>
<td>Sanitary Lathe Complete w/Dual Tapered Spindles, 220V AC</td>
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</tr>
<tr>
<td>58302</td>
<td>Sanitary Lathe Complete w/Dual Tapered Spindles, 220V AC, 50 Hz</td>
<td>Optional Jacobs Chuck, Right Hand Side Only, 0-3/16&quot; Capacity</td>
</tr>
</tbody>
</table>

Burley Arbors

Easy-opening arbor style used with 3/4” diameter emery cloth bands to dress down dentures.
- Simple band tightening adjustment by turning the knurled nut in the middle of the arbor to expand or contract the rubber head

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>02630</td>
<td>Burley Arbor, Knurled Nut Tightening, Right Side Mount</td>
<td></td>
</tr>
<tr>
<td>02640</td>
<td>Burley Arbor, Knurled Nut Tightening, Left Side Mount</td>
<td></td>
</tr>
</tbody>
</table>

No. 100 Emery Cloth Arbors

Used with 3/4” diameter bands for general grinding tasks.
- Band tightening adjustment via end screw

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>02600</td>
<td>No. 100R Emery Cloth Arbor, Right Side Mount</td>
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</tr>
<tr>
<td>02610</td>
<td>No. 100L Emery Cloth Arbor, Left Side Mount</td>
<td>3/4” Rubber Replacement Head For Arbors</td>
</tr>
</tbody>
</table>

No. 200 Bur Chuck

3/16" capacity steel chuck designed for holding small grinding and polishing burs.
- Jaws operated via finger-tightening knurled ring

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>30600</td>
<td>No. 200 Bur Chuck, Right Side Mount</td>
<td></td>
</tr>
</tbody>
</table>

Jacobs Type Chuck and Attachments

Our classic-designed, keyless, fully sealed true-running chuck
- 0-9/32” capacity
- Jaws operated via finger-tightening knurled ring
- Designed for right side use only
- Modified Morse taper mount designed to fit standard dental lathes

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>30495</td>
<td>Jacobs Chuck for Right Side Mounting</td>
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<tr>
<td>30520</td>
<td>No. 5L (Left) Stone Chuck</td>
<td></td>
</tr>
<tr>
<td>30530</td>
<td>No. 5R (Right) Stone Chuck</td>
<td></td>
</tr>
<tr>
<td>30540</td>
<td>No. 6L (Left) Taper Chuck</td>
<td></td>
</tr>
<tr>
<td>30550</td>
<td>No. 6R (Right) Taper Chuck</td>
<td></td>
</tr>
<tr>
<td>30560</td>
<td>No. 100S Arbor Band Chuck for 3/4” Bands</td>
<td></td>
</tr>
<tr>
<td>30570</td>
<td>Disk Flange Chuck</td>
<td></td>
</tr>
</tbody>
</table>

Lathe Stone Chucks

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>30610</td>
<td>Stone Chuck, Brass, Fits Stones w/ 1/4” Hole, Left Side Mount</td>
<td></td>
</tr>
<tr>
<td>30620</td>
<td>Stone Chuck, Brass, Fits Stones w/ 1/4” Hole, Right Side Mount</td>
<td></td>
</tr>
</tbody>
</table>

Lathe Taper Chucks

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>30630</td>
<td>Taper Chuck, Brass, Left Side Mount</td>
<td></td>
</tr>
<tr>
<td>30640</td>
<td>Taper Chuck, Brass, Right Side Mount</td>
<td></td>
</tr>
<tr>
<td>30650</td>
<td>Taper Chuck, Steel, Left Side Mount</td>
<td></td>
</tr>
<tr>
<td>30660</td>
<td>Taper Chuck, Steel, Right Side Mount</td>
<td></td>
</tr>
</tbody>
</table>
Lathe Splashers

Heavy duty housing with solid back panel (no exhaust hole) for controlling splashing and debris during use of standard dental lathes.
- Heavy polished aluminum construction improves safety and durability
- Includes welded dust tray that is removable for easy cleaning
- Available with 120 V AC light and clear shield options for convenient right or left side use
- Size 6 3/8” W x 10 1/2” D x 11 1/4” H

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

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

Durable, extra-heavy duty wet rotary trimming machines with high torque cutting power and no-frills simplicity.
- Extra-high torque 1/2 HP Trimmers excellent for commercial labs and large offices doing high volume trimming
- High-torque 1/3 HP Trimmers ideal for intermittent grinding demands and for most dental office applications
- Trimmers feature whisper-quiet operation, fully adjustable tables, and enhanced splash control
- Convenient size (13” W x 13” H x 18” Deep x 48 lb.)
- All units come complete with a Carborundum grinding wheel, water hose (1/4” ID x 3’ long) and drain hose (1” ID x 3’ long)
- Optional solenoids provide water flow to trimmer when power applied to motor

<table>
<thead>
<tr>
<th>Item # Description</th>
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</thead>
<tbody>
<tr>
<td>61792 1/2 HP, 10” Model Trimmer, 120 V AC</td>
<td></td>
</tr>
<tr>
<td>61792A 1/2 HP, 10” Model Trimmer, 220 V AC, 50 Hz</td>
<td></td>
</tr>
<tr>
<td>61820 1/2 HP, 12” Model Trimmer, 120 V AC</td>
<td></td>
</tr>
<tr>
<td>61830 1/2 HP, 12” Model Trimmer, 220 V AC</td>
<td></td>
</tr>
<tr>
<td>61790A 1/3 HP, 10” Model Trimmer, 120 V AC</td>
<td></td>
</tr>
<tr>
<td>61810 1/3 HP, 10” Model Trimmer, 220 V AC</td>
<td></td>
</tr>
<tr>
<td>61825 1/3 HP, 12” Model Trimmer, 120 V AC</td>
<td></td>
</tr>
</tbody>
</table>

UV-MT Model Trimmer

Ultra-Violet Model Trimmer Kills Germs While It Turns! Dental stone models contain various bacteria and organisms which can be spread throughout the lab. Powerful Internal UV-LED Diode kills Bacteria and other organisms on wheel, in grindings and on model. Reduces cross contamination from model to model.
- Powerful and Fast Trimming – Industry-leading extra-high torque motors and aggressive cutting coarse Carborundum wheels cut fast and smooth saving time and money
- Solid Construction – Classic, heavy construction and time-proven balanced direct-drive systems run quietly and can stay steady and trouble-free on the job for decades
- Enlarged Window – Larger work window provides increased working area, improved vision, and full wheel use while resisting splashing
- Versatile Table – Calibrated work table indicates model angles and can be easily tilted and repositioned to suit nearly every trimming requirement
- Complete Ready-to-Run System – All systems ship complete with a pre-mounted balanced Aggressive-cutting Carborundum Trimming Wheel, ¾” ID Water Supply Tubing, 1” ID Water Exhaust Hose, and Wheel Wrenches
- Optional Accessories – A wide range of optional accessories are available including pre-mounted water solenoid valves, rubber feet, safety shields, numerous diamond and conventional abrasive wheels, disposable disks, and several disposable plaster trap options. *US and Foreign Patents Pending.

<table>
<thead>
<tr>
<th>Item # Description</th>
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<tbody>
<tr>
<td>61780 10” Diameter 1/3 HP Ultra-Violet Model Trimmer, 120 V AC, 60 Hz</td>
<td></td>
</tr>
<tr>
<td>61785 12” Diameter 1/3 HP Ultra-Violet Model Trimmer, 120 V AC, 60 Hz</td>
<td></td>
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</tbody>
</table>
DualTrim™
Rotary Dry Model Trimmer

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

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

Item # Description
61830 10", 1/3 HP DualTrim, 120 V AC
61855 10", 1/3 HP DualTrim, 220 V AC
61860 10", 1/2 HP DualTrim, 120 V AC
61865 10", 1/2 HP DualTrim, 220 V AC
61875 Water Conversion Kit for DualTrim

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

DryTrim™ Premium Dry Model Finishing System

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

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

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

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

Model Trimming Wheels

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

- Diamond Trimming Wheels trim ultra-fast with extra-long life and are permanently mounted to aluminum backing plates (w/ 1" center holes)
- Carborundum Trimming Wheels in No. 24 coarse grit provide fast cutting and two-sided use (w/ 1" center holes)
- Waterproof Silicone Carbide Trimming Disks adhesive-mount to plastic backing plates and provide economical, fast-cutting alternative to traditional wheels
- Plastic Backing Plates feature stiff construction and universal 1" center mounting holes
- Adhesive Backed Abrasive Disks
- New Quick-Stick™ Adhesive-Backed Coarse Abrasive Disks, 10", Pkg. of 6
- New Quick-Stick™ Adhesive-Backed Coarse Abrasive Disks, 12", Pkg. of 4
- Plastic Back Up Wheel, 10"
- Plastic Back Up Wheel, 12"
- Plastic Washer
Premium High-Torque Trimmer

Provides Fast and Quiet Cutting for the Most Demanding Model Arch Dry Trimming Applications!

- Fast and Easy Dry Trimming High-torque, 5400 rpm, 1/8 HP heavy-duty motor promotes quiet, fast, and nearly effortless cutting
- Improved Dust Control Enlarged 7” x 7” work table with built-in dust control ducting and 1” OD exhaust port on back maintain quiet and effective dust control-ready for attachment to your existing dust collector
- Rapid Tool Changes Quick-release work table and ½” collet allow convenient and fast changing of 1” maximum OD cutting tools
- Improved Safety Strong 4” x 6” clear polycarbonate safety shield helps protect the operator from debris, and the interlocking on-off switch automatically resets to off in case of power interruption

Safety Shields w/ Flexible Necks

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

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

Miscellaneous Accessories

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>61798</td>
<td>Rubber Feet for Rotary Model Trimmers, Set of 4</td>
</tr>
<tr>
<td>61900</td>
<td>Water On/Off Solenoid, User Installed, 120 V AC</td>
</tr>
<tr>
<td>61901</td>
<td>Water On/Off Solenoid, Factory Installed, 120 V AC</td>
</tr>
<tr>
<td>61905</td>
<td>Water On/Off Solenoid, User Installed, 120 V AC</td>
</tr>
</tbody>
</table>

Trap-Eze™ Disposable Plaster Traps

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

- Larger 5 gallon trap (12 1/2” diameter x 14 1/2” H) best for larger offices and labs with high volume needs as space permits
- Require only 7” to 9” of clearance below sink tail pipe for easy installation with no tools
- Complete kit includes Trap, two hoses, and sewer tail adapter fitting
- Refill includes trap and two plastic caps for sealing full trap

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>62100</td>
<td>3 1/2 Gal. Complete Kit</td>
</tr>
<tr>
<td>62106</td>
<td>3 1/2 Gal. Refill</td>
</tr>
<tr>
<td>62110</td>
<td>5 Gal. Complete Kit</td>
</tr>
<tr>
<td>62112</td>
<td>5 Gal. Refill</td>
</tr>
<tr>
<td>62108</td>
<td>Hoses Only, Set of 2, Flexible</td>
</tr>
</tbody>
</table>

Buffalo Dental Manufacturing Co., Inc.
159 Lafayette Drive • Syosset, NY 11791-0678 USA
Tel: (800) 828-0203 • (516) 496-7200 • Fax: (516) 496-7751 • Fax/orders: (516) 213-6610
www.buffalodental.com
Trap-Eze BT Bottle Trap

The new Trap-Eze BT provides a convenient and easy to use bottle-style trap for permanent plumbing into the existing sanitary drain beneath the lab sink. The replaceable bottles feature excellent capacity for smaller labs and dental offices and are fast and easy to replace.

- Complete kit provides instructions and customizable 1 ⅜” size plumbing and connectors for convenient hard-plumbing (requires a minimum 16” of height between the centerline of the sewer tail pipe and the floor of the cabinet)
- Complete system includes a 64 oz standard size clear plastic bottle, a pre-assembled trap body, and the plumbing connections typically required to fit the plumbing used in most dental office and dental lab sub-sink areas.

Trap-Eze SS Self-Sanitizing Trap

Original classic Trap-Eze upgraded to include an automatic sanitizing system to keep it smelling fresh and clean

**Item #** | **Description**
---|---
Sanitrap1 | 3 ½ Gal. Trap-Eze SS Self-Sanitizing Trap Complete Kit
Sanitrap2 | 3 ½ Gal. Trap-Eze SS Self-Sanitizing Trap Refill
Sanitrap3 | 5 Gal. Trap-Eze SS Self-Sanitizing Trap Complete Kit
Sanitrap4 | 5 Gal. Trap-Eze SS Self-Sanitizing Trap Refill

Buffalo Dental Laser Pinsetter

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

- New patent-pending sanitizing system inside the trap designed to last for months
- Fully automatic dispensing helps assure steady action and long term freshness
- Unique system covers the sanitizing agent and activates after the trap is in use

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

Buffalo Dental Soldering Machine

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

- Heavy duty construction (8 1/2” W x 10” D x 15” H x 18 lbs.) protects motor and improves durability
- Versatile design permits use in upright or angled position for ergonomic standing or seated use
- Drilling depth adjustable via convenient adjustment screw
- System includes Pinsetter and standard, countersunk, P-type drill w/ 1/8” shank diameter

**Item #** | **Description**
---|---
42-553 | Soldering Machine, 120V AC
42-553/220 | Soldering Machine, 220V AC
42-553-25 | Set of 5 Carbons

---

Buffalo Dental Manufacturing Co., Inc.
159 Lafayette Drive • Syosset, NY 11791-0678 USA
Tel: (800) 828-0203 • (516) 496-7200 • Fax: (516) 496-7751 • Fax/orders: (516) 213-6610
www.buffalodental.com
ThermaKnife™ Hot Tipped Tray Trimming Knife

Effective and Time-Saving Knife For Fast and Easy Trimming of Bleaching Trays, Night Guards, Mouthguards, and Other Thermoplastic Materials
- Fully adjustable temperature control for precise cutting action
- Cutting tip heats ultra-fast to save time and eliminate waiting
- Lightweight pen features an ergonomic design and sharp, permanent tip for improved comfort and control Knife-Edge Tip
- A & B selection switch allows for the use of two different Thermal Pens to reduce time and increase trimming productivity
- Fast and easy pen replacement (via snap connector at back of pen) for added convenience Concave Tip
- Convenient pen rest provides added safety when unit not in use
- Small portable size: Console 5.75” W x 3” D x 4”H (incl. Rest) Pen: 6” L x .75” W (at foam grip.) 2.5 lb. total console/pen weight

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>80500</td>
<td>ThermaKnife Intro Kit, 120V AC</td>
</tr>
<tr>
<td>80510</td>
<td>Replacement Pen with Concave Tip</td>
</tr>
<tr>
<td>80520</td>
<td>Replacement Pen with Knife Edge Tip</td>
</tr>
<tr>
<td>80530</td>
<td>Replacement Pen with Waxing Tip</td>
</tr>
</tbody>
</table>

ThermaKnife™ w/ Knife Edge Tip

ThermaPlier™ Hot Tipped Thermal Pliers

For accentuating and making retentive undercuts on orthodontic appliances and mouthguards. Reheats the critical retention area allowing emphasis without causing adjacent plastic to distort.
- Adjust the temperature to a setting which allows the creation of dimples in the material you are working with but which does not burn the material.
- Use the plier to make retentive undercuts on the orthodontic appliances and mouthguards as per figure 1 & 2.

<table>
<thead>
<tr>
<th>Item #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>80610</td>
<td>ThermaPlier 110 V</td>
</tr>
</tbody>
</table>

ThermaPlier™

Sta-Vac™ II Versatile Vacuum Forming System

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

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

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

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Sta-Vac II
Accu-Vac™ Precision Vacuum Forming System
An extremely powerful, accurate, and quiet vacuum forming system utilizing compressed air-powered suction.
- Utilizes ultra-high powered venturi suction (requires 60 to 100 psi external compressed air supply) to create highly accurate vacuum adaptations
- Gasket-free frame accepts 5" diameter round and 5" x 5" square materials for improved versatility
- Unique table uses either standard flat plate or included steel bead basket for multiple model positioning options
- Single On/Off heat control switch and automatic vacuum actuation switch promote easy operation
- Convenient small size (7 1/2" W x 10 1/2" D x 4" H x 16 lbs.) enhances portability
- System includes Accu-Vac unit, Flat Plate Table, Steel Beads, Bead Basket, and sample range of Vacuum Forming Materials

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

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

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

Tray-Vac™ Vacuum Former
A high performance, no-frills, economical, and reliable small vacuum former for the dental office.
- High-velocity air flow system promotes rapid, highly accurate adaptations with 5" x 5" sheet materials
- Unique quick-lock frame and gasket-free design promote convenient, reliable operation
- Lightweight, small machine (7 1/2" W x 9 1/2" D x 15" H x 17 lbs.) improves portability
- All systems include a sample range of vacuum forming materials

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

No. 1A Vibrator
Our most popular small bench vibrator that is ideal for dental office laboratories.
- Improved 3-Speed switch and upgraded electronics create 120W power and dependable 60 Hz vibration
- Durable 4" diameter rubber-covered platform and suction cup feet improve stability and ensure quiet operation
- Small size (4 1/2" W x 4 1/2" D x 4 1/2" H x 6 lbs.) fits conveniently in most office labs

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

No. 1B Vibrator
An innovative small vibrator with variable speed via foot control.
- Fully variable speed via foot control provides convenient, hands-free operation
- Small size (4 1/2" W x 4 1/2" D x 4 1/2" H, 6 lbs.) fits conveniently in most office labs
- Durable 4" diameter rubber-covered platform and suction cup feet improve stability and ensure quiet operation

Item # | Description
--- | ---
84360 | No. 1B Vibrator, 120 V AC
84365 | No. 1B Vibrator, 220 V AC
No. 2 Heavy Duty Vibrator
A premium, mid-size laboratory vibrator with powerful, 3-speed, 60 Hz vibration.
- Ribbed 6” diameter rubber-covered platform holds larger flasks
- Three speed control switch for optimum performance selection

- Heavy beige-enamedeled housing unit (11” W x 4 1/2” D x 6 1/2” H x 13 lbs.) improve stability and durability

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

No. 200 Extra-Heavy Duty Vibrator
Our largest, most powerful, variable speed bench vibrator for multiple flasks and dense castings
- Large 10 1/2” W x 7 1/2” D rubber-covered steel work platform improve convenience and spill control

- Improved electronics and fully variable speed control promote powerful 350 W, 60 Hz vibration
- Heavy beige-enamedeled cast aluminum housing provides stability and eases clean-up tasks (4 1/2” H x 19 lbs.)

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

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

Item # | Description
--- | ---
84324 | SplashCap Plastic Splash Guard

Waxing Unit
A compact, economical 3-compartment wax heating unit with adjustable temperature control.
- On/Off switch located on power cord to prevent wax seepage into switch mechanism
- Controlled temperatures from 140 to 210 degrees F for convenient operation

- Provides three 11/16” deep wax compartments (one is 2 1/2” x 2 7/8”, and two are 1 5/8” x 1 3/8”)
- Attractive design with wood sides and helpful heat indicator light on front panel

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