**High Performance Zirconia Solutions:** Strength,Translucency & Color Accuracy

BnDdental.com | sales@BnDdental.com | 800.255.2839 Toll Free | 801.281.4012

### Pre-shaded Multi with *Smart Incisal™*
- Higher Translucency in the Incisal
- Blue/Grey Incisal Enhancement
- Multi-Chroma Shading

Maximum Strength (>1200 MPa**)
Anterior Translucency* (50% Incisal/48% Cervical)

### Multi Translucency, Multi Strength, Multi Chroma Zirconia
- Ultra Translucency (50%) on Incisal
- High Strength (>1100 MPa) at Cervical

### Simple and Cost-Efficient 16 Pre-shaded Mono Zirconia
- Offers better aesthetic results (47% translucency) than conventional material.
- 16 pre-shaded mono zirconia classic shades discs, with homogeneous color throughout the entire blank.

### The True Next Generation High Performance Zirconia
- Anterior Translucency (48%)
- Maximum Strength (1100 MPa: up to 14 mm, 1250 MPa: over 16 mm)

### Your Choice for Strength & Aesthetics for Long Span Bridges
- Superior accuracy and dependable strength for long span bridges.
- With its high strength of over 1,300 MPa there are no restrictions in its indications.
- An excellent choice especially when combined with the Origin Chroma coloring liquid system.

**Shaded the Origin Way!**
Zirconia Coloring Liquids imparting natural color quickly & easily with consistent results.

*Please visit BnDdental.com for details

**Updated: 07/23/2020**
Origin® Beyond Plus™ Zirconia
Anterior Translucency (48%)
Maximum Strength (>1250 MPa*)

Origin® Live™ Zirconia
High Translucent Full Contour (46%)
Maximum Strength (>1300 MPa)

*1100 MPa : up to 14 mm, 1250 MPa: over 16 mm

PhotosCourtesy of Luke Kahng,
President, LSK121 Laboratory
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<th>Page</th>
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<td>Origin® Beyond+ Mono™ Zirconia</td>
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<td>Origin® Beyond Plus™ Zirconia</td>
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<td>Origin® LIVE™ Zirconia</td>
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<td>Artimax® Dental Articulators</td>
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</table>
**Multi Shaded**
With Natural Tooth Shade Gradation

**Mono Shaded**
Preshaded with Homogeneous Chroma

**White**
Unshaded for Coloring Application

**Higher Strength**
Highest Strength
High Translucency

High Strength
Extra High Translucency
We Have Your Solutions!

B&D Dental Technologies

• 1.800.255.2839
• BnDdental.com

Unshaded Zirconia (V6.0)
Maximum Translucency (50%)
Full Contour (>700 MPa)
Patent No. US 10,463,457

Zirconia Coloring Liquids

16 Classic Shades
9 Sizes Available

Multi Translucency, Multi Strength,
Multi Chroma Zirconia
Ultra Translucency (50%) on Incisal
High Strength (>1100 MPa) at Cervical
US 10,238,473 US 9,649,179 US 8,936,848

Pre-shaded Zirconia
Maximum Translucency (50%)
Full Contour (>700 MPa)

Pre-shaded Zirconia
Maximum Translucency (50%)
Full Contour (>700 MPa)
Patent No. US 10,461,437

Unshaded Zirconia (V6.0)
Maximum Translucency (50%)
Full Contour (>700 MPa)
Patent No. US 10,463,457

Hybrid Strength
Super High Incisal Translucency

Lower Strength
Super High Translucency

Additional Patents Pending
## Origin® Offers More Options than Any Other Brand!

<table>
<thead>
<tr>
<th>Origin Zirconia Type</th>
<th>Flexural Strength*</th>
<th>Translucency**</th>
<th>Indications</th>
<th>Shades</th>
<th>Thickness (mm)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beyond Multi™</strong></td>
<td>&gt;600 MPa</td>
<td>50%</td>
<td>Single Unit to 3-unit Bridges</td>
<td>16 Shades</td>
<td>12, 14, 18, 22</td>
<td>US Patented</td>
</tr>
<tr>
<td><strong>Beyond Mono™</strong></td>
<td>&gt;600 MPa</td>
<td>50%</td>
<td>Single Unit to 3-unit Bridges</td>
<td>16 Shades</td>
<td>12, 14, 18, 22</td>
<td>US Patented</td>
</tr>
<tr>
<td><strong>Beyond™ (White)</strong></td>
<td>&gt;700 MPa</td>
<td>50%</td>
<td>Single Unit to 3-unit Bridges</td>
<td>16 Color Liquids (V6.0)</td>
<td>12, 14, 16, 18</td>
<td>US Patented</td>
</tr>
<tr>
<td><strong>Beyond+ Hybrid™</strong></td>
<td>&gt;600 MPa</td>
<td>50%</td>
<td>Single Unit to Full Arch Bridges</td>
<td>16 Shades</td>
<td>12, 14, 18, 22</td>
<td>Multistrength, Multi Trans, Multi Chroma, US Patented</td>
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<tr>
<td><strong>Beyond+ Multi™</strong></td>
<td>&gt;1200 MPa†</td>
<td>48%</td>
<td>Single Unit to Full Arch Bridges</td>
<td>18 Shades</td>
<td>14, 18, 22</td>
<td>Multi Strength, Multi Trans, Multi Chroma, Incisal Enhancer Added, US Patented</td>
</tr>
<tr>
<td><strong>Beyond+ Mono™</strong></td>
<td>&gt;1200 MPa</td>
<td>47%</td>
<td>Single Unit to Full Arch Restorations</td>
<td>16 Shades</td>
<td>10, 12, 14, 16, 18, 20, 22, 25, 30</td>
<td>US Patented</td>
</tr>
<tr>
<td><strong>Beyond Plus™ (White)</strong></td>
<td>&gt;1250 MPa‡</td>
<td>48%</td>
<td>Single Unit to Full Arch Restorations</td>
<td>16 Color Liquids (V6.1)</td>
<td>10, 12, 14, 16, 18, 20, 22, 25, 30</td>
<td>US Patented</td>
</tr>
<tr>
<td><strong>LIVE Multi™</strong></td>
<td>&gt;1200 MPa</td>
<td>45%</td>
<td>Single Unit to Full Arch Restorations</td>
<td>16 Shades</td>
<td>14, 18, 22</td>
<td></td>
</tr>
<tr>
<td><strong>LIVE Mono™</strong></td>
<td>&gt;1200 MPa</td>
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<td>12, 14, 18, 22, 25, 30</td>
<td></td>
</tr>
<tr>
<td><strong>LIVE™ (White)</strong></td>
<td>&gt;1300 MPa</td>
<td>46%</td>
<td>Single Unit to Full Arch Restorations</td>
<td>16 Color Liquids (V4.1)</td>
<td>10, 12, 14, 16, 18, 20, 22, 25, 30</td>
<td></td>
</tr>
</tbody>
</table>

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* 3 point bending strength according to ISO 6872:2015. Shaded Mono and Shaded Multi were evaluated with raw material (white color).  
** Total Light Transmittance level: measured at 600 nm wavelength, 1mm sample thickness. PerkinElmer Lambda 35 UV/VIS Spectrometer. Shaded Mono and Shaded Multi were evaluated with raw material (white color).  
† **Beyond+ Multi**: 1100 MPa: up to 14 mm, 1200 MPa: over 16 mm  
‡ **Beyond Plus White**: 1100 MPa: up to 14 mm, 1250 MPa: over 16 mm
Customer Testimonials

“It would be impossible for me to achieve the HIGH QUALITY PROSTHETICS I demand without ORIGIN Beyond Plus™ ZIRCONIA and CHROMA COLOR LIQUIDS! The color accuracy and consistency save me time and the materials are so easy to work with. I HIGHLY RECOMMEND THE ORIGIN PRODUCTS to my colleagues.”

Luke Kahng, President, LSK121

“ORIGIN Beyond Plus™ is the zirconia our technicians TRUST when fabricating the HIGH QUALITY RESTORATIONS our customers count on day after day.”

Luke Caruso III, President & COO, Ottawa Dental Laboratory, LLC

“We have CONSISTENT SUCCESS with Beyond Plus™ and every shade is so close that it requires little or no stain.”

Kirk Redding, Creative Crown Dental Lab

“We love working with Beyond Plus™ because it is strong and very pretty. B&D has truly nailed it. We had been hunting for a zirconia that would help us simplify AND STREAMLINE our production. IT’S EXACTLY WHAT WE’VE BEEN LOOKING FOR. We no longer have to choose between multiple zirconia brands and whether to sacrifice strength for aesthetics or vice versa. We are absolutely pleased with the consistent results we get from Beyond Plus™ coupled with the ORIGIN CHROMA LIQUIDS.”

Brian Heaslip, Digital Dental Labs

“B&D DENTAL TECHNOLOGIES has always been at the forefront of advances with zirconia. We love the AESTHETICS AND STRENGTH of Beyond Plus™. We have been able to replace virtually all of our e.max™ with Beyond Plus™, it’s that good. We are able to CREATE BEAUTIFUL CROWNS CONSISTENTLY AND EASILY with ORIGIN ZIRCONIA.”

James Grady, Manager, Grady Dental Lab

“Beyond Plus™ is my ZIRCONIA OF CHOICE for MY HIGHLY AESTHETIC CASES that also demand HIGH MPA STRENGTH. It has great milling qualities and requires minimal staining after sintering. Thank you B&D for producing a QUALITY PRODUCT at an AFFORDABLE PRICE.”

Kevin Morgan, Morgan Dental Lab

“By helping us get our shade values right the first time, B&D Dental has really made our work easier and eliminated the frustrations we’ve had in the past. We tried over a dozen different zirconias, none of which performed as well as Beyond Plus™. We are very pleased with its HIGH STRENGTH and TERRIFIC AESTHETICS.”

Dene LeBeau, Owner, LeBeau Dental Lab
Pre-shaded Multi with Smart Incisal™

- Higher Translucency in the Incisal
- Blue/Grey Incisal Enhancement
- Multi-Chroma Shading

Maximum Strength (>1200 MPa*)
Anterior Translucency** (50% Incisal/48% Cervical)

High Performance
Full Strength/Super Translucency

Ideal for Both Anterior & Posterior

Beyond+ Multi™ - layered discs have MORE INTENSE CHROMA IN THE CERVICAL and DECREASING CHROMA TOWARDS THE INCISAL AREA, offering the MOST EFFICIENT PRODUCTION speed combined with the natural look found in the shade tab. Each disc will give you the EXACT SHADE after simply milling and sintering. In addition, the incisal blue gray effect has been incorporated on the top 1/3 area of the disc to REDUCE THE WHITE L* VALUE and PRESENT THE NATURAL TOOTH BLUEISH GRAYISH TRANSLUCENCY.


*3-point bending strength according to ISO 6872:2015. Evaluated with raw material (white color).
*1100 MPa: up to 14 mm, 1200 MPa: over 16 mm
**Total Light Transmittance level: minimum 48% at 600 nm wavelength, PerkinElmer Lambda 35 UV/VIS Spectrometer, Evaluated with raw material (white color).
1. Anterior Translucency | Posterior Strength

- Higher translucency in the incisal area and higher chroma in the cervical area
- Decreasing chroma towards the incisal area
- Efficient production speed
- A natural gradation comparable to the shade tab

2. Smart Incisal™

EXACT SHADES – SIMPLY MILL & SINTER

Patented Smart Incisal™ technology incorporated in the top 1/3 area of the disc.

- Mimics natural and subtle blueish gray translucency
- Increased incisal effect

3. Unrivaled Strength

Multilayer Zirconia for Monolithic Restoration for Both Anterior & Posterior

<table>
<thead>
<tr>
<th>Material</th>
<th>Translucency 48%</th>
<th>Translucency 48%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amann G Zolid Fx Multi</td>
<td>ISO Class 4, Bridges up to 3 Unit</td>
<td>ISO Class 5, Bridges of 4 or more units</td>
</tr>
<tr>
<td>Katana STML</td>
<td>748 MPa</td>
<td>850 MPa</td>
</tr>
<tr>
<td>IvoClair Zr CAD MT+ Multi</td>
<td>ORIGIN Beyond Plus Multi (up to 14mm) 1100 Mpa</td>
<td>ORIGIN Beyond Plus Multi (over 16mm) 1200 Mpa</td>
</tr>
</tbody>
</table>

ORIGIN Uses Different Technology - Colloidal Pressing

Secondary Particle Size: 300 nm

Industry’s lowest shrinkage rate

AVAILABLE IN ALL 16 CLASSIC SHADES + BLEACH SHADE

For those who prefer to keep a lower inventory, customized liquids provide easy conversion to less common shades.

ex. Easily convert A2 disc to A3, A3.5 or A4 crowns.
Multi Translucency, Multi Strength, Multi Chroma Zirconia

- Ultra Translucency (50%) on Incisal
- High Strength (>1100 MPa) at Cervical

Higher Translucency Toward Incisal
- > 50% Tr
- > 49% Tr
- > 48% Tr
- > 47% Tr
- > 46% Tr

Higher Strength Toward Cervical
- > 600 MPa
- > 700 MPa
- > 800 MPa
- > 900 MPa
- > 1000 MPa
- > 1100 MPa

Beauty in the Incisal
- More Cubic Structure
- Less Chroma
- Maximum Translucency for Anterior Effect

Strength in the Cervical
- More Tetragonal Structure
- Prevents Chipping & Cracking
- Masking Effects for Abutment Tooth Presents Dentin Look

<table>
<thead>
<tr>
<th>LIVE Zr Type</th>
<th>Flexural Strength</th>
<th>Translucency (600nm, 1.0mm)</th>
<th>Indications</th>
<th>Shades Available</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beyond+ Hybrid (5Y + 4Y)</td>
<td>&gt;600 MPa Incisal</td>
<td>50% Incisal</td>
<td>Single Units to Large Unit Bridges</td>
<td>16 Classic Shades</td>
<td>12, 14, 18, 22</td>
</tr>
<tr>
<td></td>
<td>&gt;1100 MPa Cervical</td>
<td>47% Cervical</td>
<td></td>
<td></td>
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</tbody>
</table>

www.BnDdental.com
sales@BnDdental.com
800.255.2839
Simple and Cost-Efficient 16 Pre-shaded Mono Zirconia

Aesthetic 4YS material
This new generation 4YS based material offers better esthetic results (47% translucency) than conventional 3YS material.

Efficiency
16 pre-shaded mono zirconia discs that match VITA classic shades. It provides homogeneous color throughout the entire blank. No coloring or staining is needed. This glaze-and-go material provides consistent results with simple steps.

Cost-Efficient
This aesthetic and consistent material offers simple and cost efficient processing without compromising restoration quality.

Patent No. US 10,463,457

<table>
<thead>
<tr>
<th>LIVE Zr Type</th>
<th>Flexural Strength</th>
<th>Translucency (600nm, 1.0mm)</th>
<th>Indications</th>
<th>Shades Available</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beyond+ Mono</td>
<td>&gt; 1200 MPa</td>
<td>47%</td>
<td>Single Units to Full Arch Restorations</td>
<td>16 Classic Shades</td>
<td>10, 12, 14, 16, 18, 20, 22, 25, 30</td>
</tr>
</tbody>
</table>
Beyond Plus™ Zirconia

The True Next Generation High Performance Zirconia

- Anterior Translucency (>48%)
- Maximum Strength (>1250 MPa*)
- Eliminates Graying on Lighter Shades

The Perfect Culmination of Translucency and Strength, Beyond Plus™ zirconia is in a class of its own.

B&D Dental Technologies offers a uniquely universal zirconia that delivers on the promise of beauty and strength. Beyond Plus™ is more than a true replacement for lithium disilicate such as e.max®. It is stronger with equal or better aesthetics.

- Dentists no longer have to compromise strength for beauty. Their choice has been simplified.
- Labs benefit from a dense material that allows them to reproduce a sharp margin while still milling the 98mm zirconia disc easily (due to deliberate pre-sintering parameters).

In addition to the ultimate blend of translucency and strength, Beyond Plus™ was developed to work with CHROMA™ color liquid v.6.1 to provide consistent shading for optimal aesthetics.

*1100 MPa : up to 14 mm, 1250 MPa: over 16 mm **Not a trademark of B&D Dental
Patent No. US 10,463,457
Translucency Comparison of High Strength Zirconia

"Beyond Plus™ is a GAME CHANGER for the industry. You get the HT AESTHETICS with the STRENGTH for multiple unit bridges. Finally we can make anterior as well as posterior bridges, with the strength needed."

Nadine Payne - Payne Oral Designs

*1100 MPa : up to 14 mm, 1250 MPa: over 16 mm

Translucency Comparison of High Strength Zirconia

“Beyond Plus™ is my ZIRCONIA OF CHOICE for HIGHLY AESTHETIC CASES that also demand HIGH MPA STRENGTH. It has great milling qualities and requires minimal staining after sintering.

Kevin Morgan, Morgan Dental Lab

Comparison of Strength & Translucency

“Beyond Plus™ is THE BEST ZIRCONIA ON THE MARKET. It looks as good as any anterior zirconia, better than *e.max®, and is STRONG enough for large posterior bridges.”

Jim Burke - JC’S Dental Designs LLC

Translucency Comparison of High Strength Zirconia (>1100 MPa*)

Sintering Schedule of High Translucent, High Strength Zirconia (>1100 MPa*)

"Beyond Plus™ simplifies my production with ONE FAST sintering cycle for ALL zirconia restorations. We have CONSISTENT SUCCESS and every shade is so close that it requires little or no stain.”

Kirk Redding, Creative Crown Dental Lab

** Up to 3 unit bridges. Larger restorations will require longer sintering cycles.
Your Choice for Strength & Aesthetics for Long Span Bridges

Accuracy
Due to a proprietary wet isostatic process, an advanced type of colloidal method, ORIGIN zirconia offers superior accuracy and dependable strength for long span bridges.

Strength
3YS zirconia is the strongest zirconia material due to excellent transformation toughening properties. With its high strength of over 1,300 MPa there are no restrictions in its indications.

Aesthetics
Live zirconia has shown the highest translucency performance in its class since its inception in 2010. From single to large unit bridges, Live zirconia can be an excellent choice especially when combined with the ORIGIN Chroma coloring liquid system.

<table>
<thead>
<tr>
<th>LIVE Zr Type</th>
<th>Flexural Strength</th>
<th>Translucency (600nm, 1.0mm)</th>
<th>Indications</th>
<th>Shades Available</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LIVE Multi™</strong></td>
<td>&gt;1200 MPa</td>
<td>45%</td>
<td>Single Units to Large Unit Bridges</td>
<td>16 Classic Shades</td>
<td>14, 18, 22</td>
</tr>
<tr>
<td><strong>LIVE Mono™</strong></td>
<td>&gt;1200 MPa</td>
<td>45%</td>
<td>Single Units to Large Unit Bridges</td>
<td>16 Classic Shades</td>
<td>12, 14, 18, 22, 25, 30</td>
</tr>
<tr>
<td><strong>LIVE™</strong> (White)</td>
<td>&gt;1300 MPa</td>
<td>46%</td>
<td>Single Units to Large Unit Bridges</td>
<td>Color liquids V4.1</td>
<td>10, 12, 14, 16, 18, 20, 22, 25, 28</td>
</tr>
</tbody>
</table>

Comparison of 9 commercially available High Translucent Zirconia brands in USA

Testing Equipment:
UV/VIS Spectrometer, Perkin Elmer, Lambda 35
Test Sample size: 17.5mm (Diameter) X 1.00 mm (Thickness)
Test Date: Aug 2012, Nov 2012,

- Unshaded Zirconia (V4.1)
  - High Translucent Full Contour (46%)
  - Maximum Strength (>1300 MPa)

>1200 MPa
45%
46%

14, 18, 22
12, 14, 18, 22, 25, 30
10, 12, 14, 16, 18, 20, 22, 25, 28
14 Classic Shades
9 Sizes Available

14 Unshaded Zirconia (V4.1)
High Translucent Full Contour (46%) Maximum Strength (>1300 MPa)

14 ORIGIN LIVE MONO
Pre-Shaded Zirconia
High Translucent Full Contour (45%) Maximum Strength (>1200 MPa)

14 ORIGIN LIVE MULTI
Pre-Shaded Zirconia
High Translucent Full Contour (45%) Maximum Strength (>1200 MPa)

CHROMA™
Zirconia Coloring Liquids

Color liquids customized for LIVE zirconia along with incisal enhancer application will give optimum result.

LIVE zirconia has excellent millability including non-chipping edge stability during milling.

For additional aesthetic effect, a cut back technique can be used with this high translucent material.

Photos Courtesy of Luke Kahng, President, LSK121 Laboratory
Replace Lithium Disilicate with the Ideal Translucency & Strength of Origin Beyond Zirconia (700 MPa)

Origin® Beyond™ has superior aesthetic qualities combined with greater optical clarity make it ideal for anterior full contour restorations. Its vibrant transparency will raise posterior aesthetics to new heights while offering 2x the strength of lithium disilicate crowns.

- Significant flexural strength, in excess of 700 MPa
- Full contour restorations or substructures for layering
- Inlays, onlays, single restorations, anterior and posterior, and up to 3 unit anterior bridges
- Optimized micro-structure provides higher translucency than traditional high translucency zirconia

Patent No. US 10,463,457
1. **3 Different Versions for Live, Beyond Plus & Beyond**

   - **Use With ORIGIN LIVE**
     - *Unshaded Zirconia (V4.1)*
     - High Translucent Full Contour (46%)
     - Maximum Strength (>1300 MPa)
   - **Use With ORIGIN Beyond Plus**
     - *Unshaded Zirconia (V6.1)*
     - Anterior Translucency (48%)
     - Maximum Strength (>1250 MPa)
   - **Use With ORIGIN Beyond**
     - *Unshaded Zirconia (V6.0)*
     - Maximum Translucency (50%)
     - Full Contour (>700 MPa)

2. **Quick & Easy: Incisal Effect Creation - Patented Process**

3. **Three Chroma Options**

   - **Level 80**
     - Slightly Lighter than the Body Portion of Shade Tab
     - Slightly light in chroma intensity.
     - Developed for Full Contour restorations of 1.0 - 2.0 mm in standard thickness.
   - **Level 70 (Standard)**
     - Same as the Body Portion of Shade Tab
     - Creates the same shades as the body portion of each shade tab.
     - Developed for Full Contour restorations of 1.0 - 2.0 mm in standard thickness.
   - **Level 60**
     - Slightly Stronger than the Body Portion of Shade Tab
     - Slightly stronger in chroma intensity than shade tabs.
     - Developed for usage with certain oven calibrations and uniquely higher temperatures.
Incisal Effects & Effect Shades

B&D Dental is pleased to announce our new Effects Liquids. These intense internal colorants are used pre-sinter to enhance and customize Beyond and Beyond Plus translucent zirconia. Now high end aesthetic outcomes are achievable using these specialized coloring liquids. Available in 15 shades, a ceramist can create beautiful custom shaded full contour zirconia restorations. Call us today to order our 5 shade starter kit.

5 Incisal Effect Colors
To increase the translucency effect for occlusal & incisal area.

10 Effect Colors
Ideal for individualization of cervical, body area, fissures & incisal areas.

Incisal Enhancer

0.5, 1.0, 1.5, 2.0, 2.5, 3.0 & 3.5
Creates a gradually reduced chroma effect and increases translucent effects on the applied area of the incisal and occlusal ridges. 2.0, 2.5, 3.0 & 3.5 are ideal for the darker shades as they have more gray.

Please Call for Free Sample

Chroma Inhibitor For Bridge Pontics

Creates balanced chroma between the pontics and abutments on bridge cases by reducing the chroma intensity on the pontics (large mass) that would otherwise be too strong.

Please Call for Free Sample

Origin ChromaJars & ChromaMat

Clearly labeled ★ Easy to use ★ Durable
ChromaJars feature a tray that helps prevent chipping, provides quick and easy access to restorations, and raises restorations above any sediment layer which might affect end shade. These clear walled jars provide a full view of any crowns in the liquid, reducing the chance of crowns being left in the liquid too long.

ChromaJars are designed to protect our Chroma Liquids from both natural and artificial light frequencies that can break down the chemical bonds of the coloring liquids, which may affect the final shade. These well thought out containers also reduce temperature fluctuation which can lead to shorter shelf life and evaporation of Chroma Liquids

Additional Chroma Liquids

Origin Pink Tissue Color Liquid
Origin Color Liquid BL1 for V6.1
Origin’s Revolutionary Formula, Imparting Natural Color Quickly & Easily With Consistent Results.

3D-Master Shade matching for full contour zirconia restorations has long been a challenge for dental laboratories. The CHROMA 3D-Master Shade liquids precisely match the Origin Beyond Plus™ zirconia for a quick and consistent approach to staining. Simply dip the restoration into the color liquid for 1 minute after applying the Incisal Enhancer on the incisal area.

- Eliminate the tedious & inconsistent conversion to 3D-Master from the Classic Vita.
- Optimized for Beyond Plus™ zirconia for maximum translucency effects
- Water based, non-acidic color liquid
- 29 + Bleach Shades
**AccuSinter** has been designed and programmed with a user-friendly layout in mind. As a result of our quality control system, **AccuSinter** has impeccable performance when compared to competitors. Designed with a smaller chamber size for an accurate temperature control and heat distribution, its stackable three-tray capacity allows an average of 75 units to sinter in each cycle. Fully programmable and capable of creating custom cycles for different material needs and consistent zirconia color.

Other attributes include:

- Compact size provides a smaller footprint for valuable lab space: 75 lbs / 11¾“(W) x 15 ¾“(D) x 23 ¾“(H)
- Stainless steel construction with multiple internal fans & uniquely designed air holes to maintain a low exterior temperature.
- High resolution 7” LCD monitor (touch screen).
- Consistent zirconia color
- Eliminate contamination build-up
- USB port for program upgrades
- 1600°C max temperature | 25°C/min max ramp rate
- Increases zirconia production speeds while decreasing costs
### Consumables & Milling Burs

#### ORIGIN Metal Cutting Burs: Red

<table>
<thead>
<tr>
<th>Size</th>
<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>#M-1-A - 1mm</td>
<td><img src="#M-1-A-1mm" alt="Image" /></td>
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<tr>
<td>#M-2-A - 7mm</td>
<td><img src="#M-2-A-7mm" alt="Image" /></td>
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<tr>
<td>#M-3-D - 1.5mm</td>
<td><img src="#M-3-D-1.5mm" alt="Image" /></td>
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<tr>
<td>#M-4-D - 2.2mm</td>
<td><img src="#M-4-D-2.2mm" alt="Image" /></td>
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<tr>
<td>#M-5-A - 3mm</td>
<td><img src="#M-5-A-3mm" alt="Image" /></td>
</tr>
<tr>
<td>#M-6-B - 2mm</td>
<td><img src="#M-6-B-2mm" alt="Image" /></td>
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<tr>
<td>#M-7-B - 1.5mm</td>
<td><img src="#M-7-B-1.5mm" alt="Image" /></td>
</tr>
<tr>
<td>#M-8-B - 1mm</td>
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<tr>
<td>#M-9-B - 2mm</td>
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<tr>
<td>#M-10-B - 1mm</td>
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<tr>
<td>#M-11-A - 5mm</td>
<td><img src="#M-11-A-5mm" alt="Image" /></td>
</tr>
<tr>
<td>#M-12-A - 3mm</td>
<td><img src="#M-12-A-3mm" alt="Image" /></td>
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<tr>
<td>#M-13-B - 2mm</td>
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#### ORIGIN Zirconia Burs: White

<table>
<thead>
<tr>
<th>Size</th>
<th>Picture</th>
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<tbody>
<tr>
<td>#Z1</td>
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<tr>
<td>#Z2</td>
<td><img src="#Z2" alt="Image" /></td>
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</tr>
<tr>
<td>#Z4</td>
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#### ORIGIN Metal Burs: Red

<table>
<thead>
<tr>
<th>Size</th>
<th>Picture</th>
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</thead>
<tbody>
<tr>
<td>#M4</td>
<td><img src="#M4" alt="Image" /></td>
</tr>
<tr>
<td>#M4/5</td>
<td><img src="#M4/5" alt="Image" /></td>
</tr>
<tr>
<td>#M6</td>
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#### ORIGIN Wax & PMMA Burs: Green

<table>
<thead>
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<th>Picture</th>
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<tr>
<td>#P11</td>
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</tr>
<tr>
<td>#P12</td>
<td><img src="#P12" alt="Image" /></td>
</tr>
</tbody>
</table>

#### ORIGIN Calibration: Yellow

2mm #10

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#### Milling Lubrication

- **Ti Lube Max**
- **Ceramic Milling Liquid**
- **1 Gallon**

#### Calibration Disk

- **Calibration Disk**
### 3 Types* of Trays Customized for YOU

**Choose your version based on:**
- Your die stone expansion rate
- Ceramists’ preference
- Model technician’s preference
- Whether you have contact problems
- Patented pin hole covering methods

Choose whatever type of stone best suits your lab and Artimax will do the rest. With 3 choices of trays you are sure to find complete compatibility.

<table>
<thead>
<tr>
<th>Articulator Tray</th>
<th>Die Stone Expansion</th>
<th>Main benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall type</td>
<td><img src="Image" alt="Symbol" /> <img src="Image" alt="Symbol" /> <img src="Image" alt="Symbol" /></td>
<td>Maximum retention &amp; die stability. Comparatively easier for beginners</td>
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<tr>
<td>Wall-less 1</td>
<td><img src="Image" alt="Symbol" /> <img src="Image" alt="Symbol" /> <img src="Image" alt="Symbol" /></td>
<td>Easier confirmation of complete die seating. Recommended for high expansion stones</td>
</tr>
<tr>
<td>Wall-less 2</td>
<td><img src="Image" alt="Symbol" /> <img src="Image" alt="Symbol" /> <img src="Image" alt="Symbol" /></td>
<td>Recommended for labs experiencing contact problems consistently</td>
</tr>
</tbody>
</table>

**Quadrant Tray**
- 3 different types of trays customized to your die stone linear expansion rate
- Polymer base... Zero expansion model base; Far less interproximal contact problems & High Occlusion problems
- Superior accuracy
- Fast, Simple, Easy, Efficient & Versatile
- Patented pin hole covering methods

**Full Arch**
- The ideal solution for your double bite Full Arch impressions
- Polymer base... Zero expansion model base; Far less interproximal contact problems & High Occlusion problems
- Smaller diameter silver pins ideal for anterior teeth
- Natural protrusive hinge motion with ideally rigid lateral movement
- Zirconia pin for Refractory die fabrication

**Anterior Half Arch**
- The ideal solution for your double bite anterior half arch impressions
- Polymer base... Zero expansion premium base; Far less interproximal contact problems & High Occlusion problems
- Smaller diameter silver pins ideal for anterior teeth
- Natural protrusive hinge motion with ideally rigid lateral movement
- Zirconia pin for Refractory die fabrication

**Tray Base**
- True Accuracy
- Fast, Easy & Simple
- Efficiency
- Excellent Die Stability
- Easy to Handle
- Easy Pin Tip Access

*All 3 types of articulators are currently available in clear and blue
The Perfect Solution for Your Double Bite

Impressions

The Most Natural Reproduction of the Patient’s Bite
Closed Bite Auto-Articulation
Artimax Articulation is based primarily on the bite of the triple tray impression as provided by the dentist. Virtually eliminate the Lab Factor of High Occlusion problems by excluding the guess work of hand articulation.

*If the bite is not correct, it can be easily adjusted.

Quick & Easy Bite Adjustment
If the patient did not bite correctly into the impression, simply heat the hinge area with the Artimax heat gun and adjust the bite. The entire process takes only 1 minute. It’s just that SIMPLE.

- No Black Marks
- No Flame
- Can be heated multiple times

Difficult task of hand articulation:
One of the Most Common Lab Factors of High Occlusion Problem
Hand articulation, when done right, can deliver good results. But there are so many times when even the most experienced lab technicians have difficulties finding the correct bite, especially if the patient has an odd bite. This problem is even worse when it is combined with a free-end case. The focus must be on CONSISTENCY. The Artimax system delivers YOUR BITE- 100% of the time

Stone is poured into both the opposing side and prepped side of the impression as it is mounted to the articulator. Both the opposing and prepped models become set in the impression together, preserving the original bite of the patient.

The occlusal relationship between the upper and lower teeth is 100% identical to that of the original impression.

Your original bite on the triple tray impression.
**Pre-shaded Multi with 'Smart Incisal'™**

* Higher Translucency in the Incisal
* Blue/Grey Incisal Enhancement
* Multi-Chroma Shading

Maximum Strength (>1200 MPa*)
Anterior Translucency* (50% Incisal/48% Cervical)

---

**Our 11 Years of Research, Testing and Manufacturing Have Ensured the Best Zirconia Ever Made. Be Confident in What You Send Your Dentists!**

<table>
<thead>
<tr>
<th>LIVE™</th>
<th>Beyond MONO</th>
<th>Beyond Flex</th>
<th>Beyond MULTI™</th>
<th>Beyond HYBRID™</th>
<th>Beyond</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Pre-shaded Mono</td>
<td>White</td>
<td>Pre-shaded Multi</td>
<td>Pre-shaded Multi</td>
<td>White</td>
</tr>
<tr>
<td>&gt; 1300 MPa</td>
<td>&gt; 1200 MPa</td>
<td>1100 MPa: up to 14mm</td>
<td>1100 MPa: up to 14mm</td>
<td>&gt; 600 MPa Incisal</td>
<td>&gt; 700 MPa</td>
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<tr>
<td>46%</td>
<td>47%</td>
<td>48%</td>
<td>48%</td>
<td>50% Incisal</td>
<td>47% Cervical</td>
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<td>High Strength</td>
<td>High Strength</td>
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<td>Crowns</td>
<td>Crowns</td>
<td>Single Unit to 3-unit Bridges</td>
<td>Up to 3-unit Bridge</td>
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<td>Large Bridges</td>
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</tr>
</tbody>
</table>

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**Crima 4.1**
Zirconia Coloring Liquids imparting natural color quickly & easily with consistent results.

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**ORIGIN ZIRCONIA**
Receive Optimal Results when Using **ORIGIN Zirconia**

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**Artimax** The #1 Selling Tray Type Articulator in the U.S.
Artimax Articulation is based primarily on the bite of the triple tray impression as provided by the dentist. Virtually eliminate the Lab Factor of High Occlusion problems by excluding the guess work of hand articulation.