

Origin Zirconia

2023 Catalog



B&D Dental Technologies • 1.800.255.2839 • BnDdental.com
Patent No. US 8,936,848 US 9,649,179 US 9,648,837 US 10,238,473 US 10,426,583 US 10,463,457 US 10,799,327 US 10,799,328 US 11,051,916

Beyond MULTI-Y™ A1 18
Multi Translucency, Multi Strength, Smart Incisal™
Anterior Translucency (50%) on Incisal | Maximum Strength (>1200 MPa) at Cervical

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Patent No. US 10,463,457 US 10,799,327 US 10,799,328 US 11,051,916

Beyond MONO™ A1 20
Pre-shaded Zirconia
High Translucency Plus (47%) | High Strength (>1200 MPa)

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Patent No. US 10,463,457 US 10,799,327 US 10,799,328 US 11,051,916

Beyond Plus™ 14
Unshaded Zirconia (V6.1)
Anterior Translucency (48%) | Maximum Strength (>1250 MPa)

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Patent No. US 8,936,848 US 9,649,179 US 10,238,473 US 10,426,583 US 10,463,457 US 10,799,327 US 10,799,328 US 11,051,916

LIVE™ 28
Unshaded Zirconia (V4.1)
High Translucent Full Contour (46%) | Maximum Strength (>1300 MPa)

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Patent No. US 8,936,848 US 9,649,179 US 10,238,473 US 10,426,583 US 10,463,457 US 10,799,327 US 10,799,328 US 11,051,916

Beyond HYBRID™
Multi Translucency, Multi Strength, Multi Color
Anterior Translucency (50%) on Incisal | High Strength (>1200 MPa)

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Patent No. US 8,936,848 US 9,649,179 US 9,668,837 US 10,238,473 US 10,426,583 US 10,463,457 US 10,799,327 US 10,799,328 US 11,051,916

ORIGIN APEX™ A2 14
Esthetic Multilayer Zirconia with Nano-Technology
Multi Translucency, Multi Strength, Smart Incisal™
Maximum Translucency (52%) on Incisal | High Strength (>1100 MPa) at Cervical

NEW!

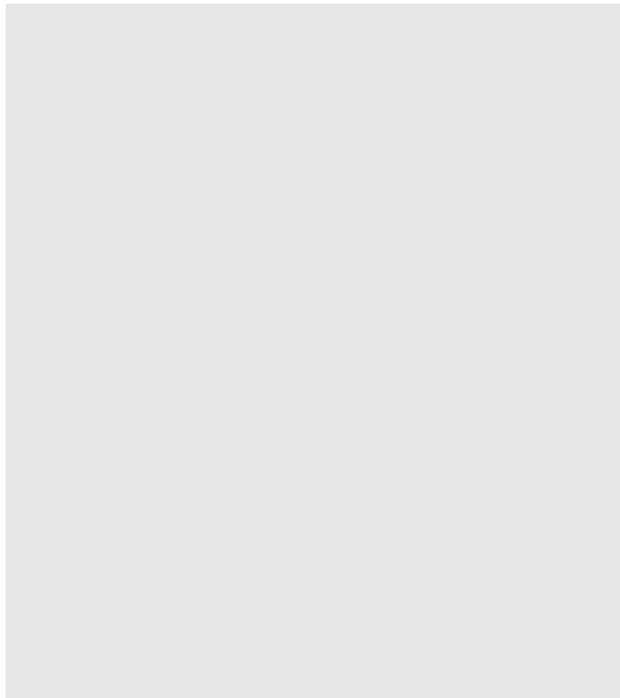
Welcome to the new

Origin Zirconia CATALOG

2023

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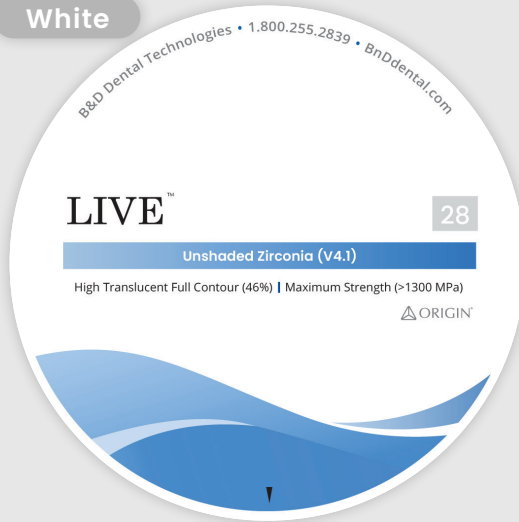


Mono Shaded



(Patented)

White



(Patented)



Classic

White



(Patented)



Classic



3D Master

**Highest Strength
High Translucency**

**High Strength
Extra High Translucency**

White
Unshaded for coloring application

Mono Shaded
Preshaded with homogeneous chroma

Multi Shaded
With natural tooth shade gradation

Multi Shaded



(Patented)

Multi Shaded



(Patented)

Multi Shaded



(Patented)

**Hybrid Strength
Super High Incisal Translucency**

**High Strength at Cervical
Highest Incisal Translucency**

What People are saying about Beyond Plus™

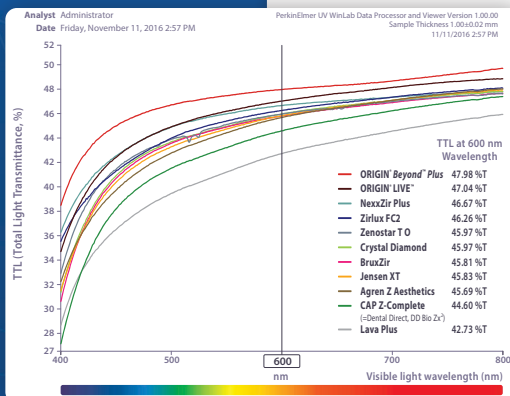
“ **Beyond Plus™** is the best zirconia on the market. It looks as good as any anterior zirconia, better than *e.max®, and is **strong enough** for large posterior bridges. ”



Jim Burke, JC'S Dental Designs LLC

“ We were looking for a zirconia that would reduce our remake and fracture rates. **Beyond Plus™** answered that call & more! We found it to **super strong** & **wonderfully esthetic** which convinced us to use it for anteriors as well as posteriors. It eliminated labor-intensive layering and reduced staining due to its chroma accuracy. **Now we glaze and we're done!** ”

Shawn Holmes, Hermitage Dental Lab



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

“ **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, Spectrum Killian Dental Lab



ORIGIN® BEYOND PLUS™

The perfect culmination of translucency and strength, *Beyond Plus™* zirconia is in a class of its own.

- Anterior Translucency (>48%)
- Maximum Strength (>1250 MPa*)

Labs benefit from a dense material that allows them to reproduce a sharp margin while still milling the zirconia easily (due to deliberate pre-sintering parameters).

- Eliminates Graying on Lighter Shades

Make it simple for your dentist
No need to compromise



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.

*1100 MPa : up to 14 mm, 1250 MPa: over 16 mm **Not a trademark of B&D Dental

CHROMA™

16 Classic Shades & 3D-Master Shades

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.





ORIGIN® BEYOND+ MULTI-Y™

Pre-shaded Multi with Smart Incisal™

- Anterior Translucency (50% at Incisal)
- Maximum Strength (>1200 MPa) at Cervical

High Performance

Full Strength / Super Translucency

- Ideal for both Anterior & Posterior

Additional benefits

- Pre-shaded Multi with Smart Incisal™
- Multi Chroma and Blue Incisal Enhancer Features Incorporated Into One Disc

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. (Patented Technology)



*Total Light Transmittance level: minimum 48% at 600 nm wavelength, PerkinElmer Lambda 35 UV/VIS Spectrometer, Evaluated with raw material (white color).

**3 point bending strength according to ISO 6872:2015. Evaluated with raw material (white color).

**1000 MPa, 1200 MPa

| Origin Zirconia Type | Flexural Strength | Translucency (600nm, 1.0mm) | Indications | Shades Available | Thickness |
|------------------------|---|-----------------------------|-----------------------------------|-------------------------|--------------------|
| Beyond+ Multi-Y | >1000 MPa Incisal >1200 MPa Cervical | 50% Incisal 48% Cervical | Single Units to Full Arch Bridges | 16 Classic Shades + OM2 | 14, 18, 22, 25, 28 |

1. Anterior Translucency | Posterior Strength

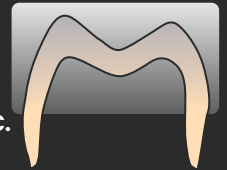
- Higher chroma in the cervical area
- Decreasing chroma towards the incisal area
- Efficient production speed
- A natural gradation comparable to the shade tab

2. Smart Incisal™

Exact Shades – Simply Mill & Sinter

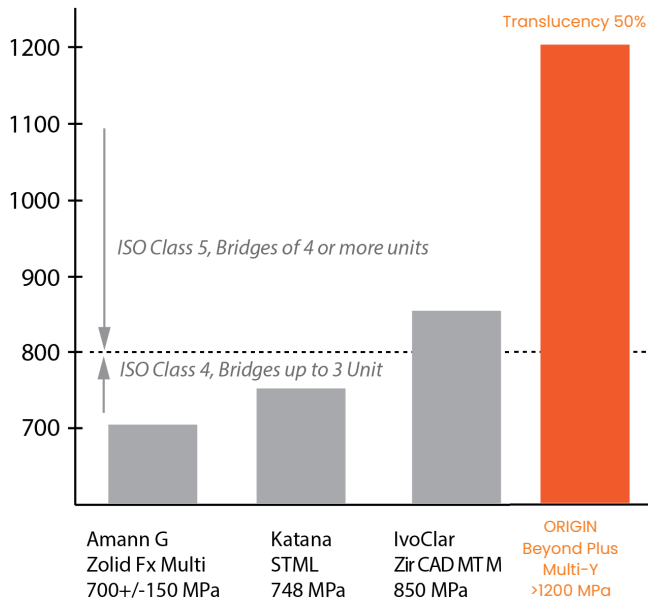
Patented **Smart Incisal™** technology incorporated in the top 1/3 area of the disc.

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

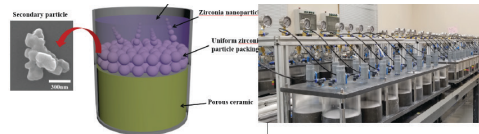


3. Unrivaled Strength

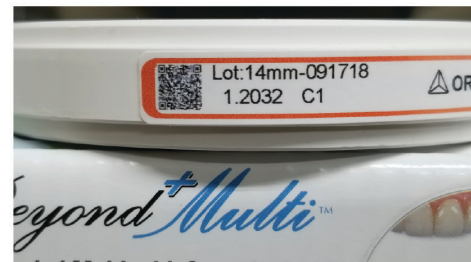
Multilayer Zirconia for Monolithic Restoration
for both **Anterior & Posterior**



ORIGIN uses different technology
• Colloidal Pressing



Secondary Particle Size: 300 nm



Industry's lowest shrinkage rate

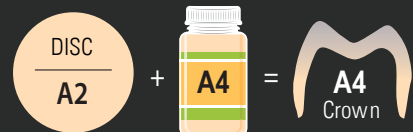
Available in all 16 classic Shades + Bleach Shades

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.

CHROMA™

Version 8.1





ORIGIN® BEYOND+ HYBRID™

Multi Translucency, Multi Strength, Multi Chroma Zirconia

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

Strength in the Cervical

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

Beauty in the Incisal

- More Cubic Structure
- Less Chroma
- Maximum Translucency for Anterior Effect



| Origin Zirconia Type | Flexural Strength | Translucency (600nm, 1.0mm) | Indications | Shades Available | Thickness |
|-----------------------|--|-----------------------------|------------------------------------|-------------------------|------------|
| Beyond+ Hybrid | >600 MPa Incisal >1100 MPa Cervical | 50% Incisal 47% Cervical | Single Units to Large Unit Bridges | 16 Classic Shades + BL1 | 14, 18, 22 |

ORIGIN® BEYOND+ MONO™

Simple and Cost-Efficient 16 Pre-shaded Mono Zirconia

- Ultra Translucency (47%)
- High Strength (>1200 MPa)

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 plus bleach. 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.



| Origin Zirconia Type | Flexural Strength | Translucency (600nm, 1.0mm) | Indications | Shades Available | Thickness |
|----------------------|-------------------|-----------------------------|--|-------------------------|----------------------------|
| Beyond+ Mono | >1200 MPa | 47% | Single Units to Full Arch Restorations | 16 Classic Shades + BL1 | 10, 12, 14, 18, 22, 25, 30 |



ORIGIN® LIVE™

Strength & aesthetics for long span bridges

- High translucency full contour (46%)
- Maximum Strength (>1300 MPa)

Accuracy

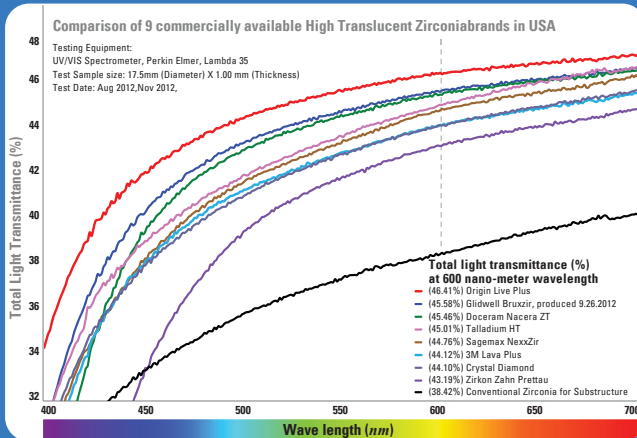
Due to a proprietary wet isostatic process, an advanced type of colloidal method, ORIGIN zirconia offers superior accuracy and dependable strength for long span bridges.

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.



Your choice for **strength & aesthetics** for long span bridges



| Origin Zirconia Type | Flexural Strength | Translucency (600nm, 1.0mm) | Indications | Shades Available | Thickness |
|----------------------|-------------------|-----------------------------|------------------------------------|--------------------|--------------------------------|
| Live (White) | >1300 MPa | 46% | Single Units to Large Unit Bridges | Color Liquids V4.1 | 10, 12, 14, 16, 18, 22, 25, 28 |



Photos Courtesy of Luke Kahng, President, LSK121 Laboratory



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



CHROMA™

Zirconia Coloring Liquids

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



Zirconia Solutions Testimonials

Many love our High Performance Zirconia Solutions, see why more people are choosing B&D Dental Technologies products more and more everyday in these testimonials.

“ 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

“ 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

“ *Beyond Plus™* is **my Zirconia of choice** for my highly aesthetic cases that also demand **MPa strength.** It has a 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



ORIGIN® APEX™

Almost identical to VITA Shade Tab

- Maximum translucency (52%*) Incisal
- High Strength (>1100 MPa) at Cervical

Additional Benefits

- Inlays, onlays, single restorations, anterior and posterior, and up to 6 unit bridges
- Optimized nano-structure provides highest translucency

Discs for the most popular 3D Mastershades

- 1M1, 2M2, 2M3, 2R1.5, 3M1, 3M2, 4M1



*Total Light Transmittance level: Incisal 52% and Cervical 48% at 600 nm wavelength, PerkinElmer Lambda 35 UV/VIS Spectrometer, Evaluated with raw material (white color).



| Origin Zirconia Type | Flexural Strength | Translucency (600nm, 1.0mm) | Indications | Shades Available | Thickness |
|----------------------|--|-----------------------------|-------------------------------|-------------------------------------|-----------|
| Origin Apex™ | >800 MPa (Incisal) >1100 MPa (Cervical) | 52% Incisal 48% Cervical | Single Unit to 6-unit Bridges | 16 Shades, OM2, 10 3D Master Shades | 14,18 |

ORIGIN® offers more options than any other brand

| Origin Zirconia Type | Flexural Strength* | Translucency** (600 nm, 1mm Thick) | Indications | Shades | Thickness (mm) | Notes |
|-----------------------------|---|------------------------------------|---------------------------------------|---|------------------------------------|--|
| Origin Apex™ | >800 MPa (Incisal) >1100 MPa (Cervical) | 52% Incisal 48% Cervical | Single Unit to 6-unit Bridges | 16 Shades, OM2, 10 3D Master Shades | 14,18 | Multi Strength, Multi Trans, Multi Chroma, Plus Incisal Enhancer US Patented |
| Beyond+ Multi-Y™ | >1000 MPa (Incisal) >1200 MPa (Cervical) | 50% Incisal 48% Cervical | Single Unit to Full Arch Bridges | 16 Shades + OM2 | 14, 18, 22, 25, 28 | Multi Strength, Multi Trans, Multi Chroma, Plus Incisal Enhancer US Patented |
| Beyond+ Hybrid™ | > 600 MPa (Incisal) >1100 MPa (Cervical) | 50% Incisal 47% Cervical | Single Unit to Full Arch Bridges | 16 Shades + BL1 | 14, 18, 22 | Multi Strength, Multi Trans, Multi Chroma US Patented |
| Beyond+ Mono™ | >1200 MPa | 47% | Single Unit to Full Arch Restorations | 16 Shades + BL1 | 10, 12, 14, 18, 20, 22, 25, 30 | US Patented |
| Beyond Plus™ (White) | >1250 MPa‡ | 48% | Single Unit to Full Arch Restorations | 16 Color Liquids (V6.1) 29 3D liquids (V6.1) | 10, 12, 14, 16, 18, 20, 22, 25, 30 | US Patented |
| LIVE™ (White) | >1300 MPa | 46% | Single Unit to Full Arch Restorations | 16 Color Liquids (V4.1) 29 3D liquids (V6.1) | 10, 12, 14, 16, 18, 22, 25, 30 | |

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

Order yours today

1. Orders can be placed online at www.BnDdental.com

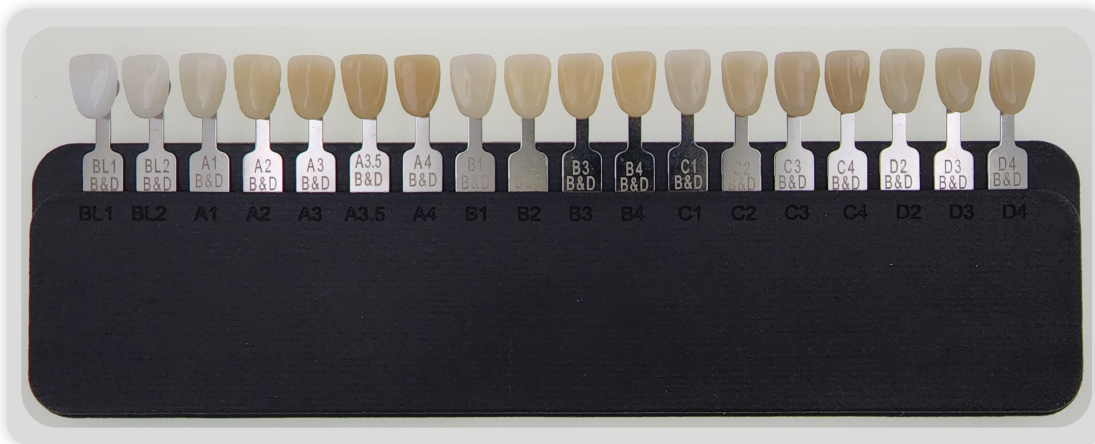
(we have a digital form that can be downloaded or orders can be placed directly through the website)

2. Orders can also be placed by calling us toll free to place at **800.255.2839**

ORIGIN ZIRCONIA SHADE GUIDES

Built-in natural light source (4,500 K) provides the same light conditions for the lab and doctor, enabling better communication (patent-pending)

- Beautiful incisal effect with gradient translucency & accurate hue/chroma of the body/cervical area



Make shade taking easy by using the

Origin Zirconia Shade Guides



Customizable
use your logo and choose your preferred shade tabs for your shade guide, including gingival pink tissue



Quick & Easy: Incisal Effect Creation - (Patented Process)

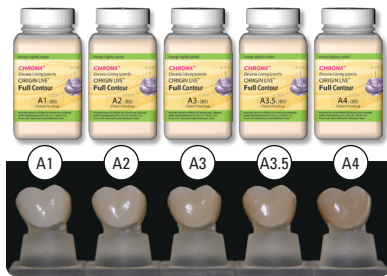


Three Chroma Intensity Options:

Level 80 (Slightly Light)

Slightly Lighter than the Body Portion of Shade Tab

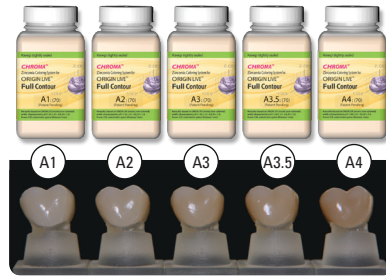
Slightly light in chroma intensity. Developed for Full Contour restorations of 1.0 - 2.0 mm in standard thickness.



Level 70 (Standard)

Same as the Body Portion of Shade Tab

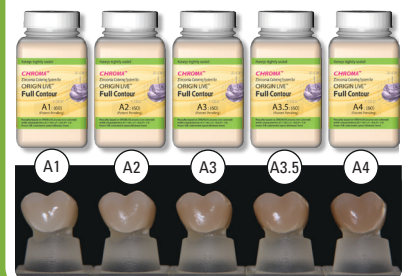
Creates the same shades as the body portion of each shade tab. Developed for Full Contour restorations of 1.0 - 2.0 mm in standard thickness.



Level 60 (Slightly Strong)

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.



Results:





CHROMA™ Version 6.1

Unshaded Zirconia (V6.1)

- Anterior translucency (48%)
- Maximum Strength (>1250 MPa)

Use with



CHROMA™ Version 6.0

Unshaded Zirconia (V6.0)

- Maximum translucency (50%)
- Full Contour (>700 MPa)

Use with



CHROMA™ Version 4.1

Unshaded Zirconia (V4.1)

- High translucency full contour (46%)
- Maximum Strength (>1300 MPa)

Use with



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.

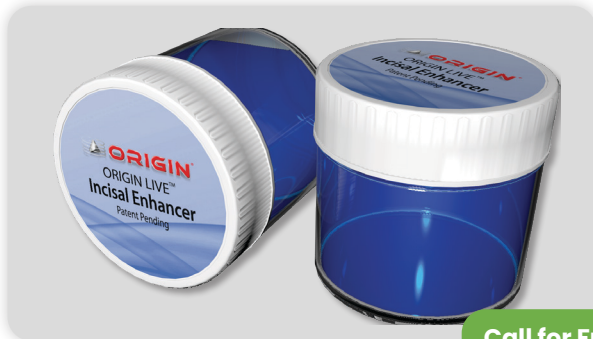
5 Incisal Effect Colors

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.

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.

Call for Free Sample



Origin Chroma Jars & 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.

Additional Chroma Liquids



Origin Pink Tissue Color Liquid



Origin Color Liquid BL1 for V6.1



CHROMA 3D MASTER SHADE

Matching 3D Master shades has long been a challenge for zirconia based crowns. Origin Chroma 3D Master liquids make matching 3D shades easy.

Simply dip the restoration into the coloring liquids for 1 minute for a quick and consistent approach to coloring. Then apply the incisal of your choice.



Additional Benefits

- 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 + 2 Bleach Shades



Chroma 3D Master Shades

| | |
|---------------------------------|--------------|
| Individual Master Shade Bottles | 50 mL Bottle |
|---------------------------------|--------------|

Chroma 3D Master Set

| | |
|---|---------------|
| Complete Master Set 29 + 2 Bleach Shades | 50 mL Bottles |
|---|---------------|

"Bulletproof Approach to Staining Zirconia."

Nadine Payne - Payne Oral Design



ORIGIN Pro Series



ORIGIN 400 x 500



ORIGIN Proteus 5x

ORIGIN Zirconia Burs: White

| | |
|------------|--|
| #Z1 - 2mm | |
| #Z2 - 1mm | |
| #Z3 - .6mm | |
| #Z4 - .3mm | |

ORIGIN Metal Burs: Red

| | |
|-----------------------|--|
| #M4 - 2.5mm | |
| #M4/5 - 2mm (#6 & 13) | |
| #M6 - 1mm | |

ORIGIN Wax & PMMA Burs: Green

| | |
|------------|--|
| #P11 - 2mm | |
| #P12 - 1mm | |

ORIGIN Calibration: Yellow

| | |
|---------|--|
| 2mm #10 | |
|---------|--|



For ROLAND

| | | | | | | | | |
|-------------------|-------------|-----|-----|-----|-----|-----|-----|-----|
| Shank dia.mm | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Head dia.mm | 2.5 | 2.0 | 1.5 | 1.0 | 0.8 | 0.6 | 0.5 | 0.3 |
| Overall Length mm | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Coating | DLC/Diamond | | | | | | | |



For UP3D

| | | | | |
|-------------------|-------------|-------|-------|-------|
| Shank dia.mm | 4.0 | 4.0 | 4.0 | 4.0 |
| Head dia.mm | 2.0 | 1.0 | 0.6 | 0.3 |
| Overall Length mm | 50/53 | 50/53 | 50/53 | 50/53 |
| Coating | DLC/Diamond | | | |



For YENADENT

| | | | | | |
|-------------------|-------------|-----|-----|-----|-----|
| Shank dia.mm | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Head dia.mm | 2.0 | 1.5 | 1.0 | 0.6 | 0.3 |
| Overall Length mm | 46 | 46 | 46 | 46 | 46 |
| Coating | DLC/Diamond | | | | |

THE NEWEST INNOVATION IN MILLING TECHNOLOGY

- Most economical & universal dental milling machine
- Supports 90° milling with c-clamp
- Automatic 5 axis calibration
- Full 5 axis milling
- Free CAM software



All CAD/CAM hardware and software are independently developed by UP3D. Core technology paired with intelligent control systems form a perfect combination of integration. *Increasing work efficiency by as much as 80%.*



P53DC Auto Disc Changer

5-Axis Dental Mill with Automatic Disc Changer

Additional Benefits

- 12 disc library with 11 tool stations
- 24 hour unattended continuous milling of various materials possible
- 90° milling for easy anterior embrasure milling.
- Simple setting to activate intelligent 24-hour automatic milling

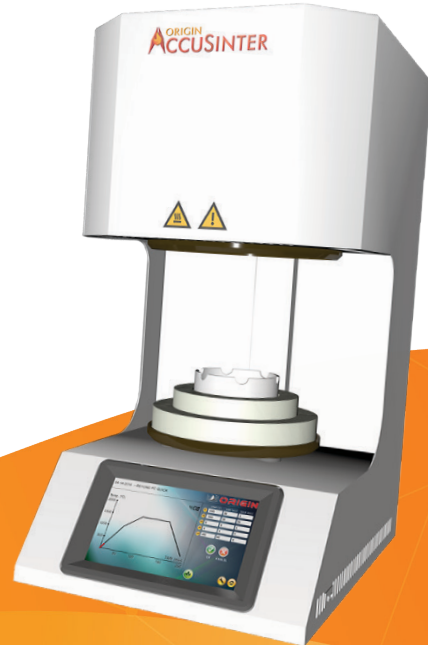
*For best results we recommend using **Origin Zirconia***

ACCUSINTER™ HAS BEEN DESIGNED WITH THE USER IN MIND

Additional Benefits

- Easy to program
- Easy to calibrate

The ideal chamber size for precise control, ensures *temperature accuracy* and *uniform heat distribution*



The included software has 50 fully customizable cycles, to allow for *alternate heating and cooling cycles* and more consistent zirconia color



Reasons to Purchase an AccuSinter:

- Easy to program
- Consistent Zirconia color
- Compact size
- 50 C/min ramp rate
- 1650 C maximum temperature
- Capable of ultra fast cycles (1 hr.)
- Increases Zirconia production while decreasing cost

For best results we recommend using *Origin Zirconia*



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



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

**All 3 types of articulators are currently available in clear and blue*

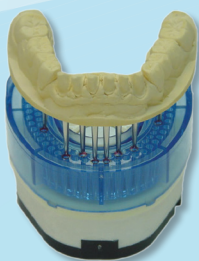
3 TYPES* OF TRAYS CUSTOMIZED FOR YOU

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.

| Articulator Tray | Die Stone Expansion | | | Main benefits |
|------------------|---------------------|--------|------|--|
| | Low | Medium | High | |
| Wall type | ● | ● | | Maximum retention & die stability. Comparatively easier for beginners |
| Wall-less 1 | ● | ● | ● | Easier confirmation of complete die seating. Recommended for high expansion stones |
| Wall-less 2 | ● | ● | ● | Recommended for labs experiencing contact problems consistently |



Tray Base

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



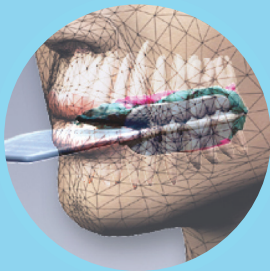
Far fewer high occlusion Problems

The most natural reproduction of the patient's bite

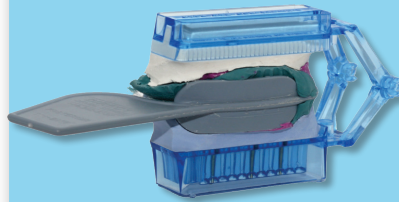
Closed Bite Auto-Articulation

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.

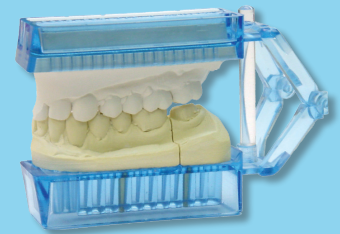
**If the bite is not correct it can be easily adjusted.*



Your original bite on the triple tray impression.



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.

The perfect solution for your double bite, **Quadrant Anterior Impressions**



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

Need to place an order? Have questions? Contact us today!
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| LIVE™ | Beyond MONO | Beyond Plus | Beyond MULTI-Y | Beyond HYBRID | ORIGIN APEX™ |
|---------------|------------------------------------|---|---|---|---|
| White | Pre-Shaded Mono | White | Pre-shaded Multi | Pre-shaded Multi | Pre-Shaded Multi |
| > 1300 MPa | > 1200 MPa | 1100 MPa: up to 14 mm 1250 MPa: over 16 mm | >1000 MPa on Incisal >1200 MPa on Cervical | >600 MPa on Incisal >1100 MPa on Cervical | >800 MPa on Incisal >1100 MPa on Cervical |
| 46% | 47% | 48% | 50% Incisal 48% Cervical | 50% Incisal 47% Cervical | 52% Incisal 48% Cervical |
| High Strength | High Strength High Translucency | High Strength Super Translucency | High Strength Super Translucency | High Strength Ultra Translucency | High Strength Highest Translucency |
| Crowns | Crowns | Crowns | Crowns | Crowns | Crowns |
| Small Bridges | Small Bridges | Small Bridges | Small Bridges | Single unit to 3-unit bridges | Single unit to 6-unit bridges |
| Large Bridges | Large Bridges | Large Bridges | Large Bridges | | |
| | | | | | |
| | Patent No. US 10,463,457 | Patent No. US 10,463,457 | Patent No. US 10,426,583 US 10,238,473 US 9,649,179 US 9,668,837 US 8,936,848 | Patent No. US 10,426,583 US 10,238,473 US 9,649,179 US 8,936,848 | Patent No. US 10,426,583 US 10,238,473 US 9,649,179 US 9,668,837 US 8,936,848 |

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