Essential Dental Systems

Ti-Core® Auto E

Cuts Like Dentin, No Ditching or Grooving

During preparation of the core, it is easy to ditch into conventional composite and glass ionomer materials due to their weaker structure. Because Ti-Core is as strong as dentin it offers resistance similar to dentin.

From the brand you trust - Ti-Core Auto E provides the strength of Ti-Core with the ease of preparation!

FEATURES

- Lanthanide reinforced
- Ideal composite viscosity for core build-up
- Ease of preparation
- Radiopaque
- Dual cure formulation
- Reduces chair time
- Ti-Core Auto E - Vita® A2

BENEFITS

- Lanthanide increases strength without the potential corrosive by-products that result from silver oxidation of silver filled ionomers.
- High strength for long term durability.
- Enables use of old crown as a core form with minimal composite remaining on the margin.
- Optimizes adaptation of core material to the post.
- Easy to place. Due to its similar strength to dentin, ditching and grooving of the core material is avoided.
- Easily identified on x-ray.
- Speeds procedure while insuring depth-of-cure. Adaptable to any technique.
- Auto-mix mechanism produces consistent fusion of base and catalyst. Eliminates pad mixing and transfer. Intra oral tip allows for precise application.
- For aesthetic restorations.

* Lanthanide increases strength without the potential corrosive by-products that result from silver oxidation of silver filled ionomers.


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THE ESSENTIAL CORE MATERIAL
Ti-Core Auto E is the only lanthanide incorporated, auto mixing, composite core materials. Lanthanide reinforcing agents are bio-compatible fillers that add strength, solidity and durability. They provide a totally unique core material with properties no other composite or glass ionomer can match.

Ti-Core Auto E was developed by placing lanthanide within a Bis-GMA matrix. The results are a core material that provides a long lasting final core restoration.

TI-CORE AUTO MIX MATERIALS ELIMINATE DITCHING AND GROOVING.
During preparation of the core, it is easy to ditch into conventional composite and glass ionomer materials due to their weaker structure. Ti-Core Auto offers resistance similar to dentin. This prevents the typical ditching and grooving associated with conventional non-reinforced core materials. As a result, Ti-Core build-up material improve and simplify the preparation of the core.

ESSENTIAL DENTAL SYSTEMS
CORE FORMS
• Tab top for easy pick-up and placement
• Reference line for accurate contouring
• Tapered slides accurate sizing and easy removal
• Clear for light curing at all angles
• Polyethylene: Will not stick to core material, easy to trim.
• 4 sizes for all clinical situations

TECHNICAL FACTS:

<table>
<thead>
<tr>
<th>Property</th>
<th>Ti-Core Auto</th>
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<tbody>
<tr>
<td>Post Head Retention (w/ #2 Flexi-Post)</td>
<td>880 N (±190 N) (198 lbs (±35 lbs.))</td>
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<tr>
<td>Diametral Tensile Strength</td>
<td>35 MPa (±4 MPa)</td>
</tr>
<tr>
<td>Fractural Strength (w/ #1 Flexi-Post)</td>
<td>1220 N (±170 N) (274 lbs (±39 lbs.))</td>
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<tr>
<td>Radiopacity</td>
<td>Positive</td>
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</tbody>
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ORDERING INFORMATION:

Ti-Core Auto Syringes - Dual Cured Reinforced Core Materials
Ti-Core Auto E ................................................................. Catalog Number 830-00
2 auto mix syringes (each containing 4.5 gm base, 4.5 gm catalyst), 20 mixing tips, 20 intra oral tips.

Ti-Core Flow + ................................................................. Catalog Number 832-00
2 auto mix syringes (each containing 4.5 gm base, 4.5 gm catalyst), 20 mixing tips, 20 intra oral tips.

Auto Mix Intra-Oral Tips (ø 1.80mm OD) ...........................................
20 Tips with Mixers (Fits all standard auto-mix double barrel syringes) ........ Catalog Number 830-20

Auto Mix Intra-Oral Tips (ø 1.00mm OD) ...........................................
20 Tips with Mixers (Fits all standard auto-mix double barrel syringes) ........ Catalog Number 870-20

Essential Dental Systems Core Forms
Clear Core Forms (Box of 48, 12 ea. of 4 sizes) .................................... Catalog Number 890-00

For our complete line of patented dental products please visit our website at: www.edsdental.com