

Essential Dental Systems

Ti-Core® Auto E & Ti-Core® Auto White



Ideal for aesthetic restorations!

Contrasting white shade for easy core preparation.

Patented,* lanthanide reinforced, fluoride releasing, dual cured, resin composite core build-up materials.

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

Ti-Core Auto White - White Shade

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.

Contrasting white shade for easy core preparation.



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 & Ti-Core Auto White provides the strength of Ti-Core with the ease of preparation!



**EDS
Clear
Core
Forms**

All the above advantages plus documented 15+ years fluoride release.*

*Data on file.
*U.S. Patent Nos. 5,034,433 and 5,204,398. European Patent No. EP 0 631 598 B1. Other patents pending.

Ti-Core Auto E & Ti-Core Auto White

Ti-Core Auto

THE ESSENTIAL CORE MATERIAL.

Ti-Core Auto E and Ti-Core Auto White are the only lanthanide incorporated, auto mixing, composite core materials. Lanthanide reinforcing agents are biocompatible 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 and Ti-Core Auto White were 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 materials 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 materials 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:

Post Head Retention (w/ #2 Flexi-Post)
 Diametral Tensile Strength
 Fractural Strength (w/ #1 Flexi-Post)
 Radiopacity

Ti-Core Auto & Ti-Core Auto White

880 N (±190 N) (198 lbs (±35 lbs.))
 35 MPa (±4 MPa)
 1220 N (±170 N) (274 lbs (±39 lbs.))
 Positive

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 Auto White Catalog Number 840-00
 2 auto mix syringes (each containing 4.5 gm base, 4.5 gm catalyst), 20 mixing tips, 20 intra oral tips.

Ti-Core Auto Intra-Oral Tips (ø 1.80mm OD)

20 Tips with Mixers (Fits all standard auto-mix double barrel syringes) Catalog Number 830-20

Essential Dental Systems Core Forms

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

TCA-Profile-2

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

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