



Triad[®] Visible Light Cure System

Denture Relines & Repairs

For Complete Control from Design to Delivery

Dentsply Sirona's unique Visible Light Cure Technology delivers maximum stability for all your in-office needs. Triad material's unique formulations yield low shrinkage, highly accurate, and superb strength. The pre-mixed sheets, ropes, gels and pastes - adapt easily, and assure consistency. Monomer-free Triad materials* eliminate the unpleasantness and hazards of methyl and butyl

methacrylate monomer. A very healthy benefit for you and your patients.

If you're not a current owner, call your Dentsply Sirona Prosthetics representative for a demonstration today. To see how the Triad Visible Light Cure System gives you complete control, from design to delivery.

*(except Triad Bonding Agent)

DuaLine® - For Ease Of Use

Triad DuaLine® Reline Material is a full or partial denture relining material which combines the accuracy of self-cure with the strength and dimensional stability of light cure. DuaLine Reline Material flows easily and sets up in the mouth in minutes, producing an extremely accurate impression with no distortion; the material ensures a strong relining with little or no porosity.

Overview of a DuaLine Reline:



1. Extrude material.



2. Self-cures in mouth.



3. Light cure in Triad Unit.

Each DuaLine cartridge provides at least three full maxillary relines.

For best results, use with the DuaLine Cartridge Dispenser.

Hi-Flow - For Extra Adaptability

Hi-Flow Reline Material is thixotropic, so it flows easily under pressure yet holds its shape when pressure is released. This provides for a faster, more accurate impression. Hi-Flow's convenient sheet form makes adaptation easy as well.

Overview of a Hi-Flow Reline:



1. Adapt sheet.



2. Place, establish VDO, correct and/or remove excess.



3. Track with light wand, cure in Triad Unit, finish.

Original - For Firmness

Original Reline Material offers a firmer viscosity, especially suited for lower or partial denture relines.

Triad® Reline Fixture - Stable And Accurate

Featuring clear, sturdy Lexan mounting discs, the Triad Reline Fixture permits maximum light penetration for optimum curing. Three non-corrosive, stainless-steel mounting posts assure stable mounting for relining accuracy.



Triad® Denture Base - Easy Versatility

Triad Denture Base Material's excellent handling and strength characteristics make it ideal for creating complete dentures, partial denture saddles, functional orthodontic appliances, record bases, and more.



Emergency Repairs - On The Spot

Overview of Denture Base Repair:



1. Prep fracture, apply Bonding Agent.



2. Apply material, coat with ABC.



3. Cure in Triad Unit, finish and polish.

Denture Base Material is also ideal for durable, top-quality repairs, such as broken bases or tooth replacements.



Triad® VLC

Trays, Retainers, & Nightguards

Triad Custom Tray Materials for Stable & Distortion-Free Trays

Translucent Triad® TruTray™ and Original Blue Custom Tray Material both deliver exceptional performance. Their convenient uniform sheets provide superb adaptation and easy handling. Both materials deliver strength and accuracy.

Overview of a Custom Tray:



1. Adapt material, trim.
2. Create handle.
3. Brush with ABC, cure in Triad Unit.

The difference between these two materials is TruTray has 200% greater stiffness, providing the ultimate in tray stability and 50% greater flex strength than Original Blue CustomTray. TruTray's translucency also gives you a visible benefit when adapting to a marked cast.

Both Triad Custom Tray materials set the standard for productive performance.





Triad Premixed Materials for Retainers & Nightguards

Triad premixed materials - translucent TranSheet®, clear Gels, and Denture Base - are ready when you are. The uniform thickness of TranSheet and Denture Base sheets means fast, convenient adaptation. And flowable Triad Gels work beautifully on their own, or as a complement to TranSheet to secure wires or heighten translucency.

Finally, light-cure polymerization ensures minimal to no shrinkage and delivers highly accurate results.

Overview of a Hawley Retainer:



1. Adapt Gel or TranSheet around wires to secure.



2. Adapt TranSheet to cast. Trim.



3. Process in Triad Unit. Finish as required.





Triad[®] VLC

Implant Placement Appliances and Accessories

Triad Implant Placement Materials for Accurate Implant Appliances

Because precision is crucial when gauging bone depth and implant placement, many implantologists have turned to the Triad System for accuracy, strength, and convenience. Translucent TranSheet and Clear Triad Gel let you quickly and easily create clinical-quality placement stents and radiographic verification correction trays. Light-cure processing delivers the strength and stability essential to the clinical aspects of your implant cases.



Overview of an Implant Placement Stent:



1. Secure lab screws in implant location holes using sticky wax. Adapt TranSheet.



2. Process in Triad Unit.



3. Remove screws, trim and polish.

Overview of a Radiographic Verification Correction Tray:



1. Mark ridge of cast where 5mm steel balls are to be placed. Paint cast with MRA.



2. Adapt TranSheet to cast, embed balls in ridge area, and secure with clear gel.



3. Process in Unit, remove from cast, coat with ABC. Final cure in Unit, wash off ABC.



For Complete Control From Design To Delivery!

Model Release Agent (MRA)

This high-grade separating agent is used to coat models prior to the application of Triad materials, allowing a clean and easy separation.

Air Barrier Coating (ABC)

A water-based polymer solution for curing of air-inhibited surfaces.

Accessory Package

This kit is essential for using the Triad System. It contains Triad Bonding Agent, Air Barrier Coating, Model Release Agent, the Modeling Instrument and brushes.

Triad Bonding Agent

For bonding Triad material to conventional acrylic material. When bonding Triad material to itself, bonding agent is only necessary if the appliance has been fully cured.

A Monomer-Free Environment

Monomer-free Triad materials* eliminate the unpleasantness and hazards of methyl and butyl methacrylate monomer. A healthy benefit for you and your patients.

*Triad Bonding Agent contains methyl methacrylate.

Triad® Visible Light Cure Systems

Dentsply Sirona Prosthetics offers a tiered family of light curing processing units to fit all budgets and fabrication needs. Whether you need a laboratory production unit with capacity for more advanced cure cycles, or an inexpensive operatory piece of equipment for immediate repairs and provisional appliances, Dentsply Sirona Prosthetics has the piece of equipment to help your business operate efficiently.



The Eclipse® EPU 2 processing unit is especially engineered to cure all of the light cured consumable materials Dentsply Sirona Prosthetics has to offer. This powerful unit has the capability to cure Eclipse full and partial dentures, as well as Eclipse partial baseplates. These are indications that no other light curing unit in the world can claim. The EPU 2 also has the capacity to cure all Radica® provisional & diagnostic resins, as well as the full family of Triad® consumable materials.



The Enterra® curing unit provides an affordable system that can cure multiple types of fixed and removable appliances. Its three bulb design delivers a large cure zone. The rotating platform and voltage control regulator accommodate the processing of a variety of light curing materials including Radica for provisional and diagnostic appliances, Eclipse for full baseplates and nightguards, as well as Triad for custom impressing and denture bases.



The Triad® 2000 light curing unit is designed for easy fabrication of the acrylic devices that are routinely used in removable dental procedures. The adjustable table features enables the processing of several types of visible light cure materials to fabricate custom trays, denture relines and repairs, with or without the use of a model (cast).

VLC Equipment Curing Capabilities*

| Triad® Appliances | Triad® 2000 | Eclipse® EPU 2 | Enterra® VLC Unit | interra™† |
|----------------------------------|-------------|----------------|-------------------|----------------|
| Denture Baseplates/ Record Bases | X | X | X | X |
| Impression Trays | X | X | X | X |
| Orthodontic appliances | X | X | X | X |
| Denture Relines | X | X ¹ | X ¹ | X ¹ |
| Nightguard/Splint | X | X | X | X |
| Full/Partial Denture | X | | | |
| Implant Placement Appliances | X | X | X | X |
| Name ID tags | X | X | X | X |

Eclipse® Appliances

| | | | | |
|---------------------------------------|--|---|---|---|
| Full Baseplate | | X | X | X |
| Partial Baseplate | | X | | |
| Full / Partial Denture | | X | | |
| Nightguard/Splint | | X | X | X |
| Flipper (Provisional Partial Denture) | | X | X | X |
| Name ID Tags | | X | | |
| Implant Surgical Guides | | X | | |
| Implant Placement Stents | | X | | |
| Radiographic Verification Appliances | | X | | |

Radica® Appliances

| | | | | |
|-----------------------------------------|---|---|---|---|
| Provisional Crowns | X | X | X | X |
| Provisional Bridges | X | X | X | X |
| Provisional Inlays / Onlays | X | X | X | X |
| Provisional Veneers | X | X | X | X |
| Build-up of Tooth on Denture Base Resin | X | X | X | X |

interra™ Appliances

| | | | | |
|------------------------------|---|---|---|---|
| interra in Office Nightguard | X | X | X | X |
|------------------------------|---|---|---|---|

¹Dualine only for relines.

[†]interra is a registered trademark of Dentsply Caulk.