Revolutionizing Composite Delivery
Vista Dental has revolutionized composite delivery with their new Therma-Flo™ line of products, uniquely engineered to utilize heat for optimal performance of any preferred composite material. The patented Therma-Flo™ Composite Applicator™ and Therma-Flo™ Composite Warming Kit provide unmatched versatility to enhance all restorations – from micro fill to bulk fill.

Therma-Flo™ products allow you to:

- Manipulate your composite like never before, making placement fast and easy.
- Reduce incremental layering of composite material in challenging posterior restorations.
- Experience superior composite adaptation to cavity walls, improving quality and efficiency of any restoration.

Vista’s new patent pending Step Down tips enhance the performance of Therma-Flo™ products. Uniquely designed to adapt to most composite capsules, the Step Down tips represent a major step forward in controlled delivery of composites that require deep access and optimal visualization of the working area.

With Vista’s Therma-Flo™ products, warmed composites can now flow into the preparation and conform to cavity walls like never before. This has revolutionized my direct composite placement!

Randy Shoup, DDS
Composite Applicator™

Patented design for motorized extrusion of warm composite.

- Improves composite handling properties
- Increases the ability to use highly filled composites
- Heats at the point of delivery to maintain optimum flowability throughout procedures
- Cordless and compact. Lightweight ergonomic design reduces hand fatigue
- Compatible with most standard capsules

Kit Includes:
- (20) 2X Step Down Tips
- (20) 4X Step Down Tips
- (1) Rechargeable handpiece
- (1) Warming base

Use of heat **significantly** increases flowability of highly filled composites
Composite Warming Kit

An easy way to increase flowability of highly filled composite material without compromising tensile strength, wear-resistance or aesthetics.

- Includes Step Down tips for precision placement of composite material
- Base unit warms multiple capsules
- Compatible with most standard capsules and most manufacturers’ composite syringes

Kit Includes:  
1. Warming Unit
2. Composite Syringes
20. 2X Step Down Tips
20. 4X Step Down Tips

Step Down Tips

Extended length for deeper access and precision placement.

Step Down tips offer a completely new delivery option which enables doctors to use considerably less composite with little manipulation required to place the material.

- 2X and 4X orifice reduction for more precise placement of composite material
- Narrow profile allows for optimal visualization
- Easy extrusion of highly-filled composites

Comparing Composite Extrusions:

(Left to right) Image shows the comparison of extrusions using a standard capsule (without tip) to extrusions made using Vista’s 2X and 4X Step Down tips.

This system forces paste composite to perform with the same clinical ease of flowable composite, but without flowables mildly inferior strength, hardness, shine retention, and wear resistance.

Dr. David Clark, DDS: Inside Dentistry July 2012
Science Behind the Heat

The heating technology of Therma-Flo™ significantly increases the flow characteristics of highly filled composites while helping to increase polymerization and improve depth of cure.

Heat lowers the viscosity of composite material, allowing it to better flow and adapt to cavity walls. As a result, voids are reduced, which also reduces the risk of secondary caries. Heating composite material also improves its physical and handling properties without modifying color or stability.

Go from micro fill to bulk fill with the versatility of Therma-Flo™
Use the science of heat and improve the flowability of highly-filled composites like never before.

Incremental placement of my composite has become extremely accurate with the Therma-Flo™ system. I use the Composite Warmer with the new 2X and 4X Step Down tips, and I can now easily place precise increments and sculpt the composite into beautiful restorations that will last the patient for years and years.

If any dentist wants to place the most precise, stress free, longest lasting, and most beautiful direct composites — then they simply must start using Vista’s Therma-Flo™ products!

Randy Shoup, DDS