

SCIENTIFICALLY SUPERIOR COMPOSITE DELIVERY

Vista Apex has revolutionized composite delivery with the Phasor™ composite warming system. This unprecedented device uses **near-infrared technology** to rapidly warm even highly filled composites.

- Able to heat composite material to 150°F in seconds
- Warming composite significantly lowers the viscosity of the material, resulting in better adaptation, reduced voids and microleakage, and improved depth of cure
- Materials remain highly sculptable, non-sticky, and easily shaped during manipulation

Unlike other devices, Phasor™ is not limited to a single brand of composite. This makes the device extremely versatile, not only in quick posterior bulk fills, but traditional incremental layering techniques in aesthetic regions as well.

phasor™

Patent# 10,589,829

Warms Composite In Under 20 Seconds, With Three Heat Settings (Low, Mid and High Flow)



PHASOR™ CAN ENHANCE COMPOSITE PLACEMENT FOR ANY PROTOCOL

Incremental Layering



Two Layer Bulk-Fill



Single Layer Bulk-Fill



VA
VISTA | APEX



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WHY HEAT?

PROCEDURAL EFFICIENCY

Better placement and handling of composites decreases procedure time.

– Testimonials and beta site testing

LOWER VISCOSITY

Flowability similar to flowable composites can be achieved with the use of heat.

– Ayub 2014, Rickman 2011

DURABILITY & WEAR RETENTION

Preheating increases composite microhardness.

– Munoz 2008, Lucey 2010, Nada 2011, Dionysopoulos 2015

SAFE

Does not damage pulp tissue or cause discomfort.

– Daronch 2007, Rueggeberg 2010

MINIMIZE VOIDS & MICROLEAKAGE

Reduced chance of secondary caries and better outcomes.

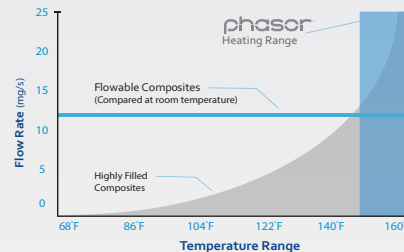
– Choudhary 2011, Wagner 2008, Froes-Salgado 2010

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VISCOSITY VS. TEMPERATURE For Highly Filled Composites



- Highly Filled**
3M Filtek Supreme Ultra*
3M Filtek Z250*
Dentsply Esthet X HD*
Dentsply TPH3*
- Flowables**
Dentsply SureFill SDR Flow**
Ivoclar Ivoclar Evoflow**
Heraeus Venus**
Dentsply THP3 Flow***

FEATURES	BENEFITS OF USING HEAT	PROOF
Depth of Cure	Fill restorations faster by increasing the depth of cure and reducing curing time.	⁴ Burtcher 2005, ² Munoz 2008
Flowability	When heated, highly filled composites flow up to 10X better.	³ Lucey 2010
Increased Polymerization	Significantly higher monomer conversion values. Dramatic increase in polymerization rates.	⁵ Trujillo 2003, ⁶ Daronch 2005
Decreased Voids	Heating significantly reduces the chance of secondary caries.	⁹ Choudhary 2011, ¹⁰ Wagner 2008, ⁸ Froes-Salgado 2010
Color + Stability	Heating will NOT modify color or stability properties of composite material.	¹ Mundim 2011
Micro-Hardness	Heating results in shorter curing times and enhances subsequent surface hardness.	² Munoz 2008, ³ Lucey 2010
Viscosity -vs- Temperature	Heating makes it easier to place material and results in better adaptation to cavity walls.	¹ Lucey 2010
Heating Safety	Heating will NOT damage pulp tissue or cause discomfort. No other safety concerns.	⁷ Daronch 2007, ¹¹ Rueggeberg 2010

COMPATIBLE WITH ANY BRAND OF COMPOSITE!
ORDER YOUR PHASOR™ TODAY!

Fast

Heats composite in under 20 seconds.

Easily change from low, mid or high flow settings.



Battery Operated

Battery operated and cordless. Long lasting rechargeable battery.



Cool To The Touch

Unlike warmer bases, the device is not hot to the touch.



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