

# phasor™

(Patent Pending)

**PULL THE TRIGGER** ON HEATED COMPOSITE



# SCIENCE BEHIND THE **HEAT**

This patent-pending device is the first of its kind, using near-infrared technology to rapidly warm composite compules.

Heating composite significantly lowers the viscosity of the material, resulting in better adaptation, reduced voids, microleakage, and improved depth of cure.

With the touch of a button, Phasor™ is able to heat composite material to 150°F (65°C) in under 1 minute, and sustain a constant temperature throughout the entire dental procedure.

Materials remain highly sculptable, non-sticky, and easily shaped during manipulation. Improved depth of cure allows for larger incremental layers to be placed, saving valuable time.



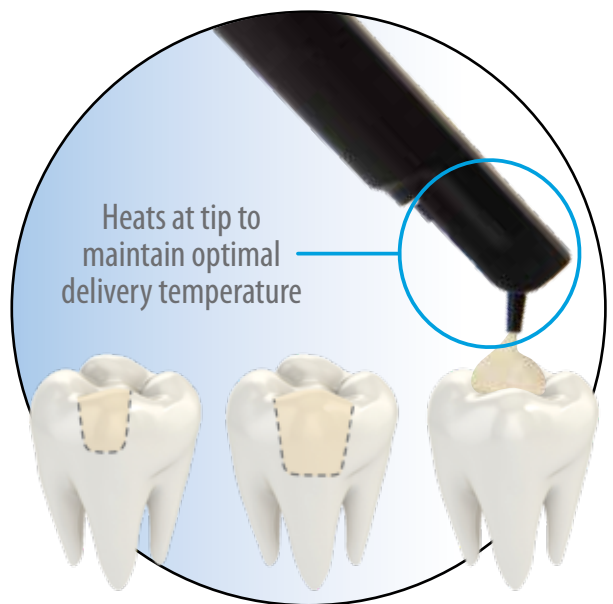
## POINT & PULL **DELIVERY**

Lower material viscosity greatly reduces the hand pressure needed to deliver composite material, allowing for faster ergonomic delivery.

The lightweight, cordless design maintains the look and feel of a traditional composite delivery gun, making it easy to use for all dental professionals.

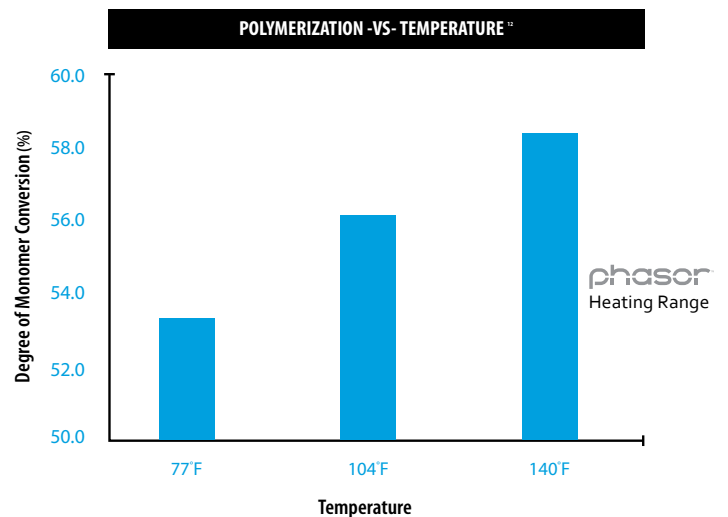
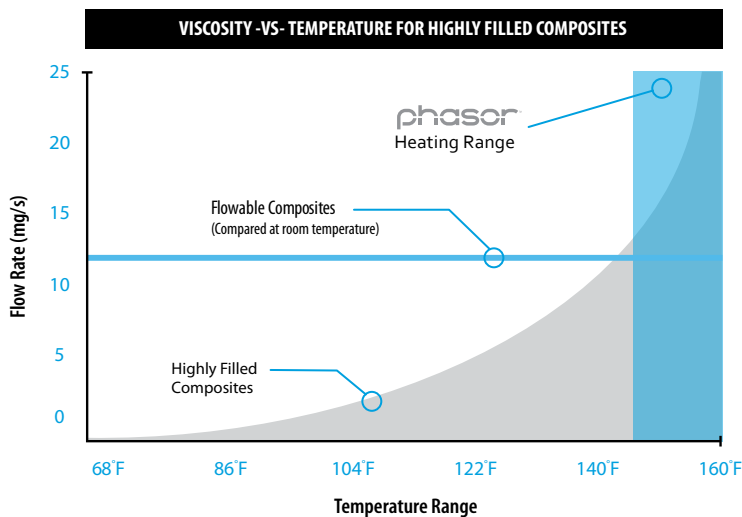
FEATURES	BENEFITS OF USING HEAT	PROOF
Depth of Cure	Fill restorations faster by increasing the depth of cure and reducing curing time.	<sup>4</sup> Burtscher 2005, <sup>2</sup> Munoz 2008
Flowability	When heated, highly filled composites flow up to 10X better.	<sup>3</sup> Lucey 2010
Increased Polymerization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

## SUSTAINED **HEAT**





## ACCEPTS **ANY** STANDARD COMPOSITE COMPULE



# phasor™

(Patent Pending)



Removable & sterilizable  
nosecone

Point & pull delivery

Multiple settings

Intuitive one-  
button operation

Rechargeable battery



## FAST

Heats composite  
in under 1 minute



## CHAIRSIDE

Point of delivery heating  
maintains temperature



## SAFE

Energy is absorbed by  
the composite; the device  
does not become hot



## BATTERY OPERATED

Cordless design with a  
long-lasting rechargeable  
battery

# TURNING UP THE **HEAT**

“ Any product that can speed up a procedure is beneficial. Because Phasor™ was simple and convenient to use, it was quick and easy to get the patients in and out of the chair. My procedures were a cakewalk.

Fauzia Khan, DDS; Chicago, IL //

“ The heater softens the composite to make it flow into the prep or band easier for less voids and better adaptation.

Thomas Gilbert, DDS; Fort Wayne, IN //

“ The Phasor™ has the heating element in the gun, so while it's dispensed, it is automatically heated and pliable. Game Changer!

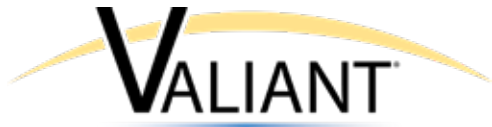
Ron Kaminer, DDS; Hewlett, NY //

“ Phasor™ warmed the composite, which increased its flowability and lessened void formation. It was especially helpful in anterior restorations. I can use any brand of resin composite with this product, which makes it a very versatile tool.

Steven Edelson, New York, NY //



# VISTA DENTAL PRODUCTS - RESTORATIVE



MULTISPECTRAL CURING LIGHT



PHOTON INDUCED COMPOSITE HEATING



## REVOLUTIONIZING COMPOSITE DELIVERY



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