

Restoratives



## Demi™ Plus

LED Light Curing System

### **The best just got better.**

Demi™ Plus, powered by Demetron™ Technology, is the next generation in premium curing lights. It combines sophisticated engineering with innovative design advancements that enhance performance and deliver consistent cures while allowing you to focus on what's truly important—your practice.

**KAVO**  **Kerr**

## Demi Plus Technology

True 5-second cure



Consistent output of Periodic Level Shifting (PLS) delivers a true 5-second cure for composite shades A3 and lighter.

Improved cooling system



Fan-free for quiet operation and improved cooling system that allows the unit to continue to feel cool to the touch for the clinician, and comfortable for the patient.

Advanced battery technology



The lithium-ion battery technology can yield 300 10-second cures with a single charge.

Lightweight, ergonomic design



Multiple holding options can reduce hand and arm stress.

## Advanced Features

A Kerr curing light system powered by Demetron Technology.

## Depth of Cure & Rockwell Hardness

	Depth of Cure (mm)		Rockwell Hardness			
	5 Seconds	10 Seconds	5 Seconds Top	5 Seconds Bottom	10 Seconds Top	10 Seconds Bottom
Harmonize A2E	4.08	5.07	79.6	72.8	82.0	79.6
Harmonize C4E	3.50	4.12	78.0	63.5	82.0	75.4
Herculite Ultra A2E	4.81	5.74	78.8	72.7	80.2	79.5
Herculite Ultra C4E	3.13	3.67	75.5	49.6	79.1	70.8
Smile A2E	4.13	4.77	83.6	79.0	83.4	81.0
Herculite Ultra Flow A2	4.26	4.88	69.9	66.4	71.6	70.8
Herculite Ultra Flow A4	2.98	3.42	69.7	60.4	72.1	69.7

24-hour testing conducted by Kerr R&D. Data available upon request.

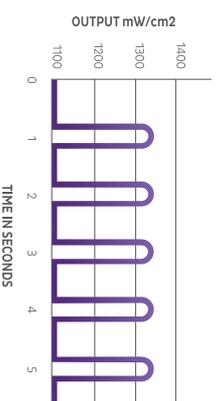
### Bulk Fill Products\*

Products	SonicFill A3	Filet One Bulk Fill A3	Tetric Evocream Bulk Fill VA	SRB Flow+ U	Grandioso X A3	Estelite Bulk Fill A3
Depth of Cure	5mm	5mm	4mm	4mm	4mm	4mm
Bottom /Top	95.6%	99.6%	97.3%	98.7%	99.7%	98.2%

\*Following manufacturer recommended curing condition.

### Pulsing Power of PLS

	Harmonize	Herculite Ultra	Filet Supreme Ultra Body
Rockwell 10 seconds	79.57	79.53	87.28
	Tetric Evocream	TPH-ST-CeramX	TPH LV
Rockwell 10 seconds	76.22	80.58	80.72



Source: Nova Southeastern University. Data available upon request.

### Demi with PLS 5-Second Exposure

**Extended Light Guide**  
+28% longer reach  
The 8 mm Extended Turbo Light Guide enables improved access for posterior procedures.

**PLS Technology**  
Demi Plus employs the power of Periodic Level Shifting, (PLS), shifting output intensity from 1,100 mW/cm<sup>2</sup> to a peak of 1,330 mW/cm<sup>2</sup> multiple times throughout the curing cycle with a wavelength of 450 nm to 470 nm. PLS drives cool, continuous high output for a true 5-second cure without generating excess heat.

**Durability**  
The exterior of Demi Plus is comprised of Valox, a high-performance thermoplastic polyester resin that has been tested in the consumer world and offers multiple advantages. Derived from 85% post-consumer plastic waste, the lightweight yet highly durable material is chemically resistant, impact resistant, and withstands temperature extremes. The sophisticated engineering of the Valox resin exterior and provides protection for your unit, giving you confidence in your procedures for years to come.

**Advanced Battery Design**  
The positive contact charger guarantees a snug fit between the contacts on the handlepiece and the charger base, and fully coated contacts prevent corrosion over time—ensuring a proper charge with every procedure.

### Longer Warranty

Our three-year warranty ensures you get the most value out of your premium investment.



## Demetron Light Guide



**921676 | 4 mm | Curved Turbo**

For preventing overlapping on the gingiva in Class V.



**952213 | 8 mm | Curved Turbo+**

Increases efficiency of light output and reduces overall curing time.



**21020 | 8 mm | Curved Turbo**

Increases efficiency of light output and reduces overall curing time.



**921746 | 8 mm | Extended Turbo+**

Extended length improves access to the posterior.



**921551 | 11 mm | Curved Turbo**

Increases efficiency of light output and reduces overall curing time.

**Light guides are compatible with most Demetron Light Curing Systems, including Demi, LED II, and OptiLux 501.**

## Ordering Information

<b>910860-1</b>	Demi Plus LED Light Curing System (120 V) Contains: Handpiece, 8 mm Turbo Extended Light Guide, Lithium Ion Battery Pack, Battery Charger, Power Supply, Protective Light Shield.
<b>921918-1</b>	Demi Plus Battery Pack
<b>921919-1</b>	Demi Plus Battery Charger
<b>921920-1</b>	Demi Plus Handpiece Replacement
<b>952269</b>	Demi and Demi Plus Power Supply
<b>910726</b>	L.E.D. Radiometer

