



Demi™ Plus

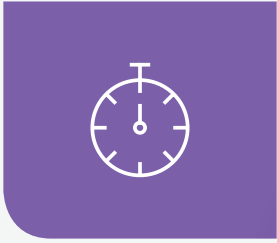
LED Light Curing System

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.

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.

Continuous Operation.



Whisper-quiet fan and unique thermal control system keeps the unit cool for uninterrupted operation. Extends the overall life of the unit.

Advanced battery technology.



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

Lightweight, ergonomic design.



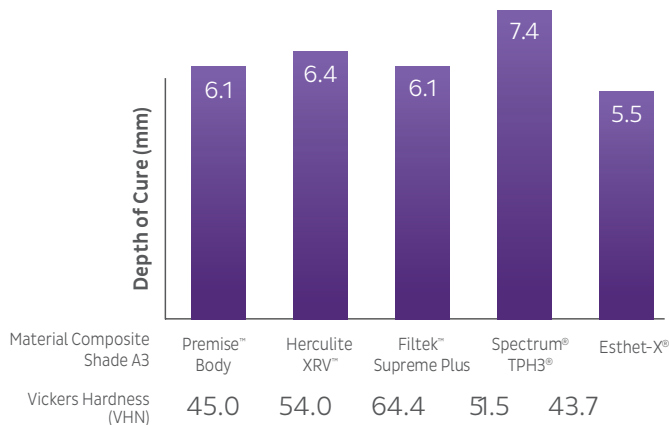
Multiple holding options can reduce hand and arm stress.

Depth of Cure & Rockwell Hardness

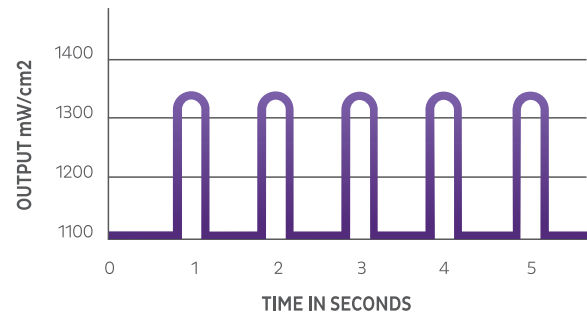
	Depth of Cure (mm)		Rockwell Hardness			
	5 Seconds	10 Seconds	5 Seconds		10 Seconds	
			Top	Bottom	Top	Bottom
Premise™ A3	4.22	4.91	78.4	77.3	79.7	78.8
Premise™ C4	3.10	3.57	74.7	70.3	78.3	75.7
Revolution® A3	4.11	4.81	63.3	56.4	65.6	65.7
Revolution® C4	3.23	3.83	54.4	35.0	65.6	62.1
Premise™ Flowable A3	3.79	4.58	70.8	67.1	72.1	71.8
Herculite™ Ultra A3	3.86	4.33	80.8	80.8	80.3	81.2
Herculite™ Ultra C4	2.25	2.85	77.8	80.3	79.0	79.7

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

Pulsing Power of PLS



Demi with PLS 5-Second Exposure



Source: Nova Southeastern University. Data available upon request.

24-hour testing conducted by Kerr R&D. Data available upon request. Clinical results may vary based on product age, technique and other factors. Follow the curing light and composite instructions for ensure proper material cure.

Advanced Features

A Kerr curing light system powered by Demetron Technology.

Extended Light Guide + 28% longer reach

The 8 mm Extended Turbo Light Guide enables improved access for posterior procedures.

Interior: PLS Technology

Demi Plus employs the power of Periodic Level Shifting, (PLS), shifting output intensity from 1,100 mW/cm² to a peak of 1,330 mW/cm² 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.

Exterior: Valox Plastic

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 handpiece 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

910860-1	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.
921918-1	Demi Plus Battery Pack
921919-1	Demi Plus Battery Charger
921920-1	Demi Plus Handpiece Replacement
952269	Demi and Demi Plus Power Supply
910726	L.E.D. Radiometer

