

Your practice is *our* inspiration.™

Demi | A new generation that's light years ahead



Demi

Demetron's bright idea, with features looking even brighter.



Approximately half the size and weight of previous Demetron LED curing lights, the Demi is ergonomically designed to reduce stress on the hand and wrist. And, packed with cutting-edge features like Kerr's own PLS technology, the Demi is the most advanced light to carry the Demetron name.

*Inspired by:
The Demi light is the culmination of all we have learned about the best of LED light curing technology to date.*
-Gary Radz, DDS

Ordering

910770 Demi LED Light Curing System (120 V)

Contains: Handpiece, 8 mm Turbo Light Guide, Battery Pack, Battery Charger, Power Supply, Protective Light Shield.

910830 Demi LED Light Curing System Dual Pack (120 V)

Contains: 2 Handpieces, 2 8 mm Turbo Light Guides, 2 Battery Packs, Battery Charger, Power Supply, 2 Protective Light Shields.

921654 Handpiece (without Light Guide or Battery)

921655 Battery Charger

921653 Battery Pack

952269 Power Supply

921676 4 mm Curved Turbo Light Guide

921677 2 mm Tracking Tip

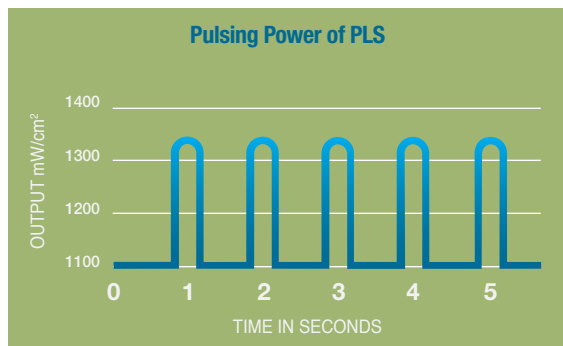
921746 8 mm Turbo+ Extended Light Guide

921650 Accessory Kit

Contains: LED Handheld Radiometer, 11 mm Turbo Light Guide, Hardness Disk, Optics Maintenance Kit, 1 Demi LED Battery

Research

The Demi employs the power of Periodic Level Shifting, or PLS technology, 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 to 470nm. PLS drives cool, continuous high output for a true 5-second cure without generating excessive heat.



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

Features

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

Never shuts down. 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. One fully charged battery yields 3 to 4 days working time.

Lightweight, ergonomic design. Multiple holding options reduce hand and arm stress.

Demi with PLS 5-Second Exposure

Material Composite Shade A3	Depth of Cure (mm)	Vickers Hardness (VHN)
Premise™ Body	6.1	45.0
Herculite XRV™	6.4	54.0
Filtek™ Supreme Plus	6.1	64.4
Spectrum™TPH3®	7.4	51.5
Esthet-X®	5.5	43.7

Source: Nova Southeastern University. Data available upon request.



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