

D1 ONE

BROADBAND LED CURING LIGHT

D1 is the next generation in premium curing lights. It combines market-leading engineering with unique design advancements that enhance performance and deliver consistent cures. The D1 generates light intensity of 3,000 mW/cm² ensures fast through curing in as little as 1 second. The high power mode also provides effective curing of light cured cements through indirect restorations.

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EFFECTIVE CURING MODES

PLASMA EMULATION

HIGH POWER

GLASS IONOMER

BLEACHING

features

- Maximum light intensity of 3,000 mw/cm².
- D1 emits a very wide spectrum of light : 395 ~ 480 nm.
- D1 offers 4 versatile curing modes :

Plasma Emulation

High Power

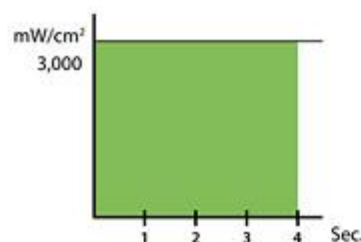
Glass Ionomer

Bleaching

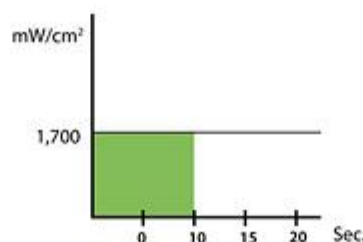
- High quality 5 light emitting diodes work simultaneously to ensure that every D1 generates consistent power output.
- Every light-cured material can be cured instantly and mostly in a few seconds.
- Light weight and ergonomic design offers maximum portability and efficiency.
- D1's body is made from industrial-grade aluminum which ensures its durability and excellent heat dissipation.

curing modes

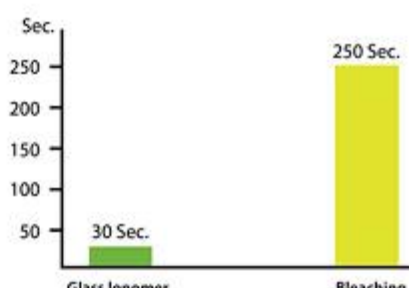
Plasma Emulation (1 - 4 sec.)



High Power (5 and 10 sec.)



Glass Ionomer (30 sec.) Bleaching (250 sec.)



D1 provides fast and reliable curing for polymerization of virtually all resin-based composites including Glass Ionomer and also apply with the dental bleaching material as well

ordering

Nomenclature	Device Type	MFR PN - Light Polymerization
D1 Cordless Complete Kit	Cordless	C-2001
D1 Cordless Hand Piece	Cordless	CHP-2001
Fiber Optic Light Guide (Turbo : 11 x 8)	Both	CLG-2000
Light Shield	Both	CLS -2000
D1 Charger Base	Cordless	CCB-2000
D1 Battery Pack	Cordless	CBP-2000
D1 Power Supply Cord	Both	CPC-2000

technical data

- **Light Wavelength Range :** 395 ~ 480 nm
- **Light Intensity :** max 3,000 mW/cm²
- **Charging Time :** Approx. 2 hours
- **Operation Time:** 10 seconds x 200 times (when fully charged)
- **Dimensions :**
 - Hand Piece : 156 x 25 ϕ (mm)
 - SMPS : 54 x 96 x 32(mm),
 - Cable : 1.4m [Jack : 5 ϕ]
 - AC Cord : 1.3M
 - Extension Cord : 2.8m (optional)
- **Operating Condition :**
 - Temperature : -10°C ~ +40°C
 - Relative Humidity : 10% ~ 85%
 - Ambient Pressure : 80 ~ 106 kPa
- **Warranty :** 2 years