



LEDEXTM
VICTORION OF THE PARTY OF THE PART Combo of Cordless & Cord types



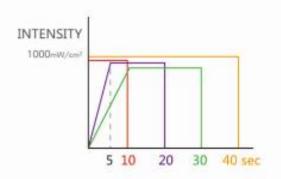
ADVANTAGES

Simple operations

Clear display, simple function including ramp mode, easy to use.



Use high power 5 W LED, it can cure the composites over 3mm in 10 secs.





Never shutdown after continuous use

The smart heat-management system prevents the device from overheating after continuous use.

Combo of cordless & cord types

When the curing light runs out of batteries, it can be plugged in and used as a corded light.



Varieties of optical fiber light guide rod

There are 3,5,8 mm black or transparent optical fiber light guide rod to be applied.



Specification

-	Handpiece	Туре	Lithium-ion, 3.7 V/800 mAh
Light source	High power dental blue 5 W LED, average lifespan is 100,000 hours	Charge time	About 2 hours
Wavelength	440-480 nm, peak:460 nm	Use time	40 Minutes
Rediant intensity	Up to 1000 mW/cm ²		(240 times in 10 Sec. mode)
Light guide rod	Ø8mm optical fiber, Sterilizable in autoclave	Туре	Mini USB jack
Weight	120 g (with battery & light guide rod)	Input	100 - 240 V, 50-60 Hz
Dimensions	Ø 26 (max) x L156 mm	Output	DC 5 V/2 A





New Taipei City 24872, Taiwan











LEDEX™

WL-070+

LED dental curing light & wireless inductive charging stand





Wireless inductive charging stand

No need to plug in the cable; No pogo pin required



ADVANTAGES

Wireless inductive charging stand

No need to plug in the cable; No pogo pin required.

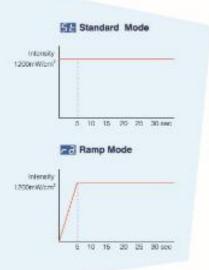
Built-in intensity indicator

Easy to interpret due to the built-in intensity indicator.









Simple operations

Clear display with simple functions, including standard mode and ramp mode; easy to use.

Cure fast in 10 secs

Having the high power 5W LED, this device can cure the composites over 3mm in 10 secs.

Never shutdown after continuous use

Having the smart heat management system, the device will not be overheated after continuous use.



Varieties of optical fiber light guide rod

There are 3,5,and 8 mm black or transparent optical fiber light guide rod to be applied.

	Handpiece	Wire	less charging stand
Light source	High power dental blue 5 W LED, average lifespan is 100,000 hours	Weight	85 g
Wavelength	440-480 nm, peak:460 nm	Dimensions	W45 x L135 x H40 mm
Radiant intensity	up to 1200 mW/cm²		Power Supply
Light guide rod	Ø8mm optical fiber, Sterilizable in autoclave	Туре	Micro USB
Weight	120 g (with battery & light guide rod)	Input	100-240 V, 50-60 Hz
Dimensions	Ø 26 (max) x L156 mm	Output	DC 5 V/2 A
	Battery		Fit LEDEX** WL-070 serie
Тура	Lithlum-ion, 3.7 V/800 mAh		Curing light only
Charge time	About 3 hours	Fit Brim I I I I I I I I I I I I I I I I I I I	Top got the
Use time	40 Minutes (200 sinus in 10 Sec. mode)	50.0 COST (10.00)	





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LED dental curing light & wireless inductive charging stand





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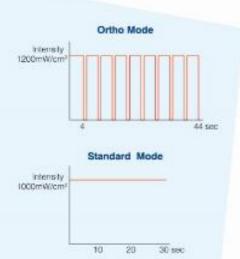
Built-in intensity indicator

Easy to interpret due to the built-in intensity indicator.









Simple operation

Including 3 ortho modes & 3 standard modes.

Cure fast in 4 seconds for one bracket

Having the high power 5W LED, each bracket can be cured in 4 seconds. One curing cycle for nine brackets.

Never shutdown after continuous use

Having the smart heat management system, the device won't overheat after continuous use.



Varieties of optical fiber light guide rod

There are 3,5,and 8 mm black or transparent optical fiber light quide rod to be applied.

Weight

Type

Dimensions

Specification

Handpiece	
Light source	High power dental blue 5 W LED, average lifespan is 100,000 hours
Wavelength	440-480 nm, peak:460 nm
Radiant intensity	up to 1200 mW/cm² (ORTHO Mode)
Light guide rod	Ø8mm optical fiber, sterilizable in autoclave
Weight	120 g (with battery & light guide rod)
Dimensions	Ø 26 (max) x L156 mm

Dimensions	Ø 20 (max) x L150 mm	
	Battery	
Туре	Lithium-ion, 3.7 V/800 mAh	
Charge time	me About 3 hours	
Use time 40 Minutes (200 sincs in 10 Sec. standard mode)		

Output	DC 5 V/2 A
Fit 8mm light guide	Fit LEDEX® WL-070 series Curing light only

Wireless charging stand

85 a

Power Supply Micro USB

W45 x L135 x H40 mm

100--240 V, 50-60 Hz













DENTAL CURING LIGHT

LEDEX™ WL-090+

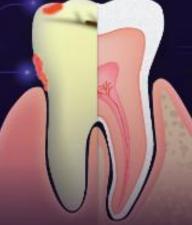
COMBO OF CURING LIGHT & PLAQUE/CARIES DETECTOR

Broadband LEDs
Over 2400 mW/cm²

2secs cure 2 mm

Caries

Plaque

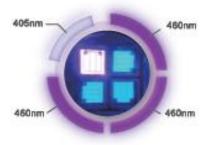


FEATURE Using the lastest technology to build a simply powerful and affordable curing light.

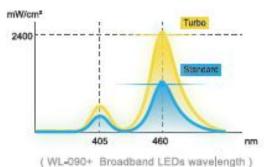
Broadband LEDs used

Use broadband LEDs, wide wavelength output is more fitting to phenyl propanedione(PPD) and Lucirin® TPO

photoinitiator.

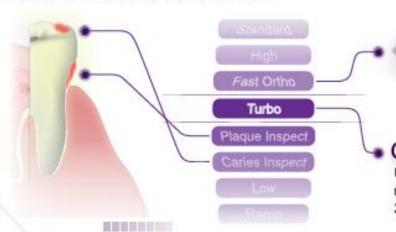


(Light source of WL-090+)



Powerful Extensive Modes

OLED display, turbo light guide rod, 8 modes.



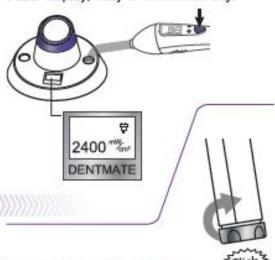
01 Time 03 Secs

Cure Fast In 2 seconds

Use high power 10W broadband LEDs, up to 2400 mW/cm2. It can cure the composites over 2 mm in 2 seconds.

Built-in Radiometer

OLED display, easy to check intensity.



Cartridge Battery

Use cartridge design, easy to change battery.

Specification

	Handpiece
Light source	High power 10 W broadband LEDs, average lifespan is 100,000 hours
Wave ength	390-480 nm, peak : 405,460 nm
Radiant intensity	Up to 2400 mW/cm²
Light guide rod	Ø11>8 mm & Ø11>5 mm optical fiber, Sterlizable in autoclave
	180 g (with battery & light guide rod)
Dimension	Ø38 (max _•) x L190 mm













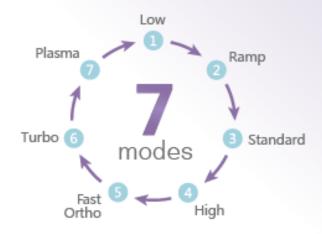
LEDEX DENTAL CURING LIGHT WL-090

PERFORMANCE WITH REAL HIGH INTENSITY

- 1 Sec. Cure 2 mm
- 7 Powerful Modes
- (A) Fast Ortho
- Plasma 3200 mW/cm² NEW
- (8888) Built-in Radiometer
- (ເ₃⊃) Cartridge Battery

7 powerful extensive modes

OLED display, turbo light guide rod, 7 modes including Low, Ramp, Standard, High, Fast Ortho, Turbo, Plasma.





Plasma mode - cure fast in 1 sec.

Use high power 10W LEDs, up to 3200 mW/cm². It can cure the composite resin over 2 mm in 1 second.

Never shutdown after continuous use

The smart heat management system prevents the device from overheating after continuous use.

Built-in radiometer

OLED display, easy to check intensity.



Cartridge battery

Use cartridge design; easy to change the battery.



Specification

Spectiteat	LOII .			
Handpiece		Cradle Weight		140 g
Light source High power 10 W LEDs, average lifespan is 100,000 hours		Craule	Dimension	Ø115 x H68 mm
			Туре	Lithium-ion, 3.7 V/2500 mAh
Wavelength	440-480 nm, peak:460 nm	Battery	Charge time	About 2.5 hours
Radiant intensity	Up to 3200 mW/om²	Duttery	Use time	120 Minutes (720 times in 10 Sec. Standard mode)
Light guide rod	Ø11>8 mm optical fiber, Sterilizable in autoclave		Time	Mioro USB jaok
Dii	0.20 () 100	Power	Type	
Dimension	Ø 38 mm (max.) x L190 mm	Supply Input 100~240 V, 50-60 H	100~240 V, 50-60 Hz	
Weight	180 g (with battery & light guide rod)		Output	DO 5 V/2 A





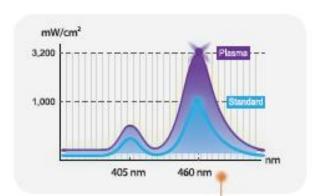






Features

Broadband LEDs wavelength



Specification

High power 10W broadband LEDs, average lifespan is 100,000 hours.

Wavelength range 390 nm - 480 nm; White 6,500 K - 7,000 K

Peak wavelength 405 nm, 460 nm

000

Light source

Radiant intensity Up to 3,200 mW/cm²

Light guide rod Ø11>8 mm optical fiber(Sterilizable in autoclave)

Dimension 30 mm(W) x 32.6 mm(H) x 173 mm(L)

Weight 153 g (Inculding the light guide rod)

Broadband LEDs used

Use broadband LEDs, wide wavelength output is more fitting to phenyl propanedione(PPD) and Lucirin® TPO photoinitiator.



LEDEX



White

460nm 460nm White

(Light source of WL=120)



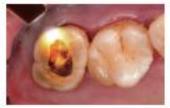
All modes can be cure up to 20 times in a cycle

White light LED support various inspections

Super-high luminosity assists in inspecting caries, calculus, fractures and root canal orifices. Can reduce the need and expense of diagnostic X-rays. Visual imaging fracture, caries and root canals.



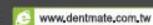




OLED display, easy to

check light intensity.









PRODEX™ UV B LED WAND

UV/VISIBLE LIGHT SOURCE

Wavelength flexibility allows co-optimisation of adhesive and curing system for best cure.

BROAD SPECTRUM OFFER: UV:365&385 NM, VIS:405&420 NM.

ADJUSTABLE HIGH INTENSITY UP TO 1800 MW/CM²@365-420 NM.

HANDHELD AND EASILY PORTABLE.

INSTANT ON/OFF, NO WARM-UP PERIOD.

BUILT-IN INTENSITY CHECK INDICATOR.

CARTRIDGE BATTERY.

BROADBAND LEDS USED

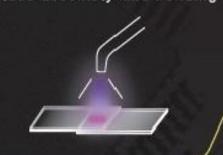
UV9 is intended solely for use in industrial environment such as workshop, assembly line and laboratory.

Applications for:

Fluorescence excitation



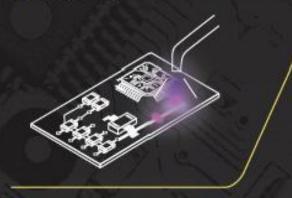
Glass assembly and bonding



Lens and optical bonding



Wire tacking



Non-destructive testing

Curing of UV polymers for other applications

Specification

	Wand	P	ower supply
Light source	High power 10 W LEDs, average lifespan is 2,000 hours	Туре	Micro USB jack
Wavelength	Peak: 365, 385, 405, 420 nm	Input	100~240 V, 50~60 Hz
Radiant intensity	Up to 1,800 mW/cm²	Output	DC 5 V/ 2 A
Light guide rod	Ø11>11 mm optical fiber		Cradle
Dimension	Ø38 mm (max.) x L190 mm	Weight	140 g
Weight	180 g (with battery and light guide rod)	Dimension	Ø115 x H68 mm

Battery

Type Lithium-ion, 3.7 V/ 2,500 mAh

Charge time About 2,5 hours

Use time 680 times in 10 seconds, Entire Mode, High intensity











The light has been manufactured with a super-high luminosity LED. The intensity is from 15,000 to 30,000 Lux at 5 mm. These characteristics enable the light to support diagnosis during a therapeutic or surgical intervention.

- Super-high luminosity LED with assists in inspecting caries, calculus, fractures, and root canal orifices.
- Can reduce the need and expense of diagnostic X-rays.
- Immediate feedback saves time and improves patient care.
- Simple HI-LO-OFF one-button, battery-powered operation.

Visual imaging fracture, caries and root canals







Contents

LUMINDEX™ 3 handpiece x1 3 mm light guide rod x1 AAA alkaline battery x2 Disposable sleeve x20 Instructions for use x1



Specification

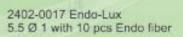
Battery type	2 x AAA alkaline batteries
Color temperature	White LED, 6500 K
Radiant intensity	Low mode: 15,000 Lux above at 5 mm High mode: 30,000 Lux above at 5 mm
Dimensions	16 mmØ (max)x 135mm
Weight	59 g (including batteries)

Optical Accessories: Endo-Lux

The more Endo-Lux performs, the more posterior caries, cracks and fractures will be identified.



2402-0018 Endo fiber 1mm,40pcs/set



One Click Away for Your Simple Checkups

LUMINDEX 3 Plaque empowers you to check dental plaque and caries bacteria easily with just one click.

Under the violet light exposure, the dentine caries area shows a visible red fluorescence sign.

Visualize Your Thought with Precision

During the treatment, you can see the carious area in no time. It makes the dental excavation simply easy with the precise assessment. With the minimally invasive excavation, the treatment can also be improved and fastened, providing high quality experience to the patients.

- Super-high luminosity Violet-LED with assists in detecting dental plaque or dental caries bacteria.
- Make the restoration material easily visible.
- Immediate feedback for dentine caries excavation treatment.
- Simple one-button, battery-powered operation.
- Easily apply it to check posterior teeth.

Visual Image of Dental Plaque, **Dental Caries Bacteria & Residues of Composite**









Contents

LUMINDEX™ 3 Plaque handpiece x1 Optical fiber light guide rod x1 AAA alkaline battery x2 Disposable sleeve x20 Instructions for use x1 Filter x1

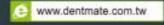
Specification

Battery type	2 x AAA alkaline batteries
Voltage	3.0 V
LED Wavelength	around 405 nm
LED Radiation Output	80-250 mW
Dimensions	L135 x Ø 16 mm
Weight	59 g (including batteries)















INNOVATION

Save time, Save cost, Multiple Functions POST-CURING FOR 3D PRINTED



TRAYDEX

LED Light Curing Machine

High Power LEDs | Broadband LEDs | Save Fabricating Time

TRAYDEX - LED Light Curing Machine



TRAYDEX 18



TRAYDEX 45



✓ Save time

Fast curing High power LEDs, broadband LEDs, save fabricating time.



Multiple functions

1.- : Light Intensity

2. 1 : Duty Cycle (Flash Cycle)

3. i : Working Time



Save cost

Stable light volume High power LEDs with constant current circuit; there's no need to change UV fluorescent light tube.



V Post-curing for 3D printed

High power UVA LEDs is including, which results in a quick and uniform curing cycle.

Specification	TRAYDEX 18	
Power input	100-240 Vac / 50-60 Hz	
Consumed power	30 W	
Fuse	1 A	
Quantity of LEDs	10	
Wavelength of LEDs	375-470 nm	
Curing time	5-995 sec	
Irradiance (385 nm)	21.6 W/cm²	
Irradiance (405 nm)	17.3 W/cm²	
irradiance (460 nm)	6.5 W/cm²	
Memory setting	Final setting	
Dimension	L195 x W210 x H140 mm (max)	
Inner chamber dimensions	L176 x W126 x H86 mm (max)	
Weight	2.2 Kg	

TRAYDEX 45
100-240 Vac / 50-60 Hz
70 W
2 A
25
375~470 nm
5-995 sec
52.5 W/cml
43.4 W/cm²
16.4 W/cm²
3.
L200 x W220 x H160 mm (max)
L140 x W140 x H83 mm (max)
3 Kg





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PRODEX ME

LED LIGHT CURING MACHINE



REVOLUTIONARY OF UV CURING SOLUTION

- Oxygen reducing Time Saving and Efficiency Improving.
- High performance Premium surface-curing and superior features.
- Extraordinary outcome High quality end product.

FERTURE OF PRODUCT

SAVE TIME

Fast curing High power LED, broadband LED, save fabricating time.

SAVE MODEY

Stable and high power LED with constant current circuit, avoid the cost and hastle of replacing UV fluorescent light tube.

MULTIPLE FUNCTIONS

Users could set up the curing details easily to gain process efficiencies by Intensity Duty-Cycle Timer (IDT) settings.

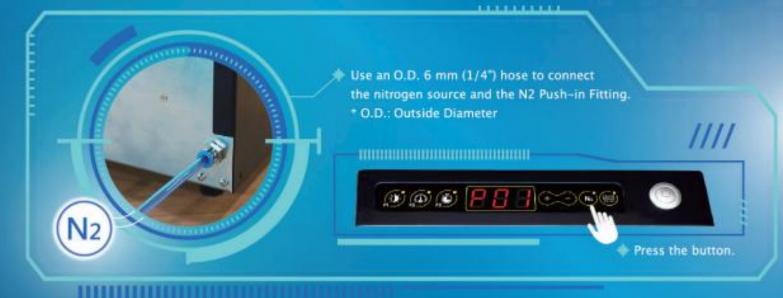
POST-CURING FOR 3D PRINTING

High power Ultra Violet A (UVA) LEDs is including, which results in a quick and uniform curing cycle.

EFFICIENT CURING METHOD

A nitrogen inter atmosphere allows a cost effective and efficient method for curing.

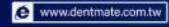
♦ SET NITROGEN PURGE



* SPECIFICATION PRODEX M2

Power Input	100-240 Vac / 50-60 Hz
Consumed Power	70 W
Fuse	2 A
Quantity of LEDs	25
Wavelength of LEDs	355~415 nm, Peak: 365 nm, 385 nm, 405 nm
Curing Time	5-995 sec
Memory Setting	3 curing setting in memory

Irradiance (365 nm)	24.0 W/cm²
Irradiance (385 nm)	52.4 W/cm²
Irradiance (405 nm)	43.4 W/cm ²
Dimension	L200 x W220 x H160 mm (Max)
Inner Chamber Dimensions	L140 x W140 x H83 mm (Max)
Weight	3 kg
Tubing O.D.	6 mm









PRODEX BL

LED LIGHT CURING MACHINE





New breakthrough! Welcome to the new era of 3D printing post-curing.

Combination of multiwavelength: 365nm/385nm/405nm, suitable for various materials.

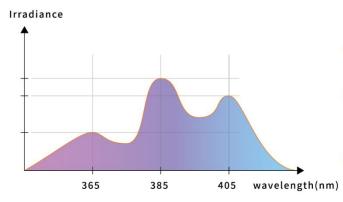
Advantage of Offering Top and Bottom Light

Innovative design! One button, saving time.

The light source is no longer just from top or side, PRODEX BL offers top and bottom light sources to save time. No need to turn over the curing object during the process.



3W high power LED, uniform distribution of multiwavelength



- Time saving Design with up to 35 high-power LEDs
- Positive outcome Uniform curing result by internal reflection (illuminated with uniform energy)
- Cost Saving Multiwavelength (365nm/385nm/405nm)
 allows to cure various materials in the market

Only post-curing time can be adjusted?

NO! Except time adjustment, we offer other settings to meet different material demands.

- Time adjustment up to 995 seconds
- Light intensity adjustment Level 1 to Level 16
- Duty Cycle Level 1 to Level 10

Specification

Power Input	100-240 Vac/50-60Hz
Consumed Power	90W
FUSE	3A
Quantity of LEDs	35 pcs
Wavelength of LEDs	355-415nm (Peak: 365nm,385nm,405nm)
Memory Setting	3 curing setting
Dimension	200 x 220 x 160 mm (L x W x H)
Chamber	140 x 140 x 83 mm (L x W x H)
Weight	3 Kg

TEL: +886 2-8976-9226 | FAX: +886 2-8976-9236 | MAIL: info@dentmate.com.tw ADD: 8F, No.8-11, Sec 1, Zhongxing Road, Wugu District, New Taipei City 24872, Taiwan







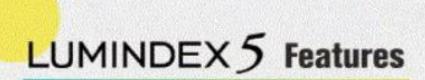
LUMINDEX 5

LED Headlight



Under 10 gram
Wireless Charging
Customized All Mounts

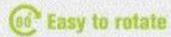






Customized mounts

Adjust to most attachments like headcam, flip-up loupe and glasses clip.



Easy to rotate the cord to 4 directions without hindering the vision and operation.

Shadow free

With coaxial alignment design, it offers shadow free image.

LUMINDEX 5 Others





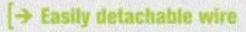
The uniform light spot delivers crisp and sharp image and brings edge-to-edge clarity at what your eyes focus and reduces eye strain.





Lightweight

Lens is smaller than a size of penny.



Easy removal for replacing wire.

Multiple lens

Precision multiple Lens optical system consisting of two high-quality lenses.

Color Temperature 5700 K Weight (Lamp) 9-8 g

Color / Beam Uniformity Uniform beam Lens Size Ø 14 mm

Light Intensity at 400 mm 5000 lux Light Spot Size at 400 mm 100 mm

Under 10 g / Uniform / Multiple Lens / Wireless Charging / Customized All Mounts / Smartphone Connection



O Various levels of light

Various levels of light intensity allow you to level up your view to fit every situation with the best lighting.



Battery Indicator



109 mm

23 mm

61 mm



Fast charging with cord

Headlight could still be operated while in charge through USB cord.





Application

Smartphone Connect Control lighting and monitor the using status via application.



(o) Wireless charging stand

Simply put the battery pack onto the stand, LUMINDEX 5 charges automatically with the QI inductive wireless charging technology. Without the contact of the pogo pin, it prolongs the service life of the product.



Battery Pack (Including battery clip)	167 g	Built-in Microcontroller	Yes
Wire Length	1.5 m	Charging Time	3.5 hours
Composite Filter	Yes	Battery Run Time	10 hours
Battery Clip	Yes	Battery Status 3760 mAh : 397 Wh/L	DC 3.7V



DENTMATE

LEDEX MADIOMETER

Wide Range Measurement

It displays up to a 4000 mW/cm² intensity of blue light in the wavelength range of 430~490 nm.

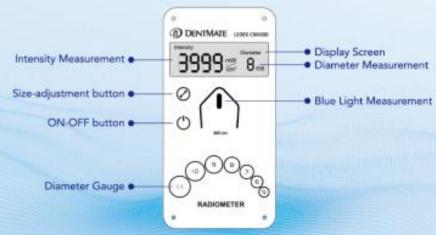
Latest Optical Measurement Technology

The measure result can be more accurate due to measurement size can be adjusted from diameter 5 mm to 11 mm.

Save the Energy of Battery

Automatic sleep design can help to save power, it allows long time use under normal operation, and provides low battery warning.

Indications for use



Specification

CM4000

Voltage	DC 4.5V
Battery	AAA Alkaline Battery X3
Range of wavelength measurement	430 nm – 490 nm
Range of light intensity measurement	0 mW/cm² = 4000 mW/cm², Calculate: Wavelength 460 nm, Diameter 8 mm
Range of diameter measurement	5 mm ~ 11 mm
Size	L120 mm x W62 mm x H15 mm
Weight	90 g (including battery)



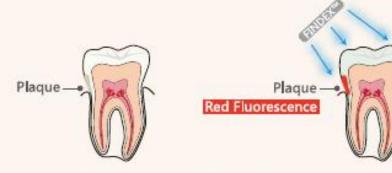


- One second detected
- Prevention of dental plaque
- Corrective dental care
- Extraordinary convenience
- Wireless charging stand

PREVENTIVE DENTISTRY CARE TODAY, SAVINGS TOMORROW

Extraordinary Convenience

Dental plaque is the sticky film that forms on teeth. If it is not removed on a frequent basis, it can lead to tooth decay and gum disease. You or your family may be brushing regularly, but it is hard to see with the naked eye because plaque is nearly the same color like teeth.





The FINDEX™ Plaque Disclosing Aid uses FIND™ plaque filter window, to easily check dental plaque which shows a red fluorescence via a violet light exposure. In just one second, you will get the result and see dental plaque clearly via FIND™ plaque filter window.







The traditional way to detect dental plaque uses chemical dyes, which leaves some residue of chemical dyes; FINDEX™ does not use chemical inspection, thus avoiding leaving a residue of chemical dyes in your mouth.

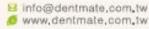
Specification

Light Source	High power 1 W LED x 4, average lifespan is 1,000 hours.
Wavelength	390-420 nm, peak : 405 nm
Radiant Intensity	Up to 1200 mW
Battery	Lithium-ion, 3,7 V/1200 mAh, charging time : 3 hours approx. Using time : 250 times with two lines mode.
Power supply	Mini USB jack, inupt : 100-240 V, 50/60 Hz, output : DC 5 V/2 A
Dimensions	156 x 81 x 16 mm(main unit), 158 x 76 x 16 mm (wireless charging stand)
Weight	110 g (main unit), 80 g (wireless charging stand)







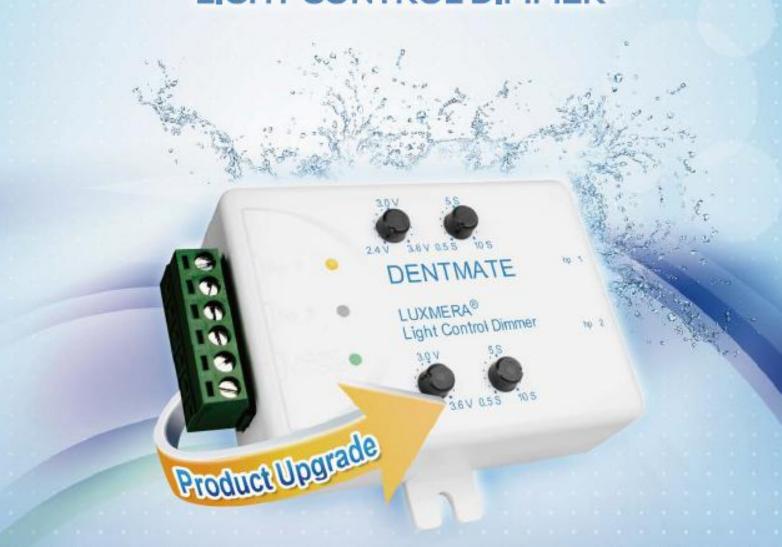








LUXMERA® LIGHT CONTROL DIMMER





- Non-contact Switch
- Cofferdam Design & Waterproof
- Smart & Durable