

DENTAL CURING LIGHT

LEDEX™ WL-090+

COMBO OF CURING LIGHT & PLAQUE/CARIES DETECTOR



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Instructions for use



Dear Customer,

Thank you for choosing DENTMATE LEDEX[™] WL-090+ Dental curing light.

A lot of researches & developments have gone into the manufacturing of this product. We sincerely hope that it will give you many years of trouble-free use. Please read and understand all the instructions before using this equipment, and save this instruction for use for your reference.

The instruction for use is subject to change without further notice.



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1. Symbols Used

1.1. In these instructions for use



If the instructions are not followed properly, the operations may lead to hazards for the product or the user/patient.

1.2. On the product/packaging

SN	Serial number	REF	Catalogue number
•••	Manufacturer	<u></u>	Date of manufacture
	Class II (AC Adapter)	[]i	Consult the instructions for use
★	This shows the Type B applied part.		Do not dispose it with normal household waste
	Recycling	IPX0	Ordinary equipment
EC REP	EU-representative	-106kPa	Atmospheric pressure for storage
10° C	Temperature limits	10%	Storage humidity range
C€	CE marking	*	Keep dry

2. Product Information

The light has been manufactured with a super-high luminosity 10 W LED. The light wavelength of LEDEX[™] WL-090+ is between 390-480nm and the light intensity is up to 2400mW/cm². It can cure the composite over 2mm in 2 seconds. These characteristics especially enable to phenyl propanedione (PPD) and Lucirine TPO photoinitiator.

LEDEX[™]WL-090+ dental curing light is characterized by :

- 8 powerful extensive modes including Low, Ramp, Standard, High, Fast Ortho, Turbo, Plaque inspect and Caries inspect modes.
- The light guide rod is made from genuine optical fiber and not inferior acrylic that optimizes light conduction and minimizes loss of light from source to tip. It ensures the highest possible intensity of light at the light guide tip.
- Advanced and high efficient cooling heat sink are designed and accompanied with over-heating prevention. A thermal protection circuit and safety mode are also designed to prevent the light from overheating.
- The automatic memorization of the last operation is another unique feature of the light.
- There is a built-in radiometer displaying light intensity.
- · Automatic sleep mode saves battery and extends usage time.

2.1. Indications for use

LEDEX[™] WL-090+ is a visible curing unit programmed for polymerization of dental light cured materials only by dental professionals.

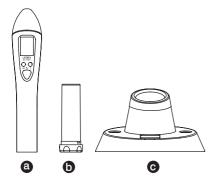
FOR DENTAL USE ONLY!

2.2. Procedure

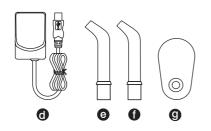
Please follow the instruction before use. As for handpiece instructions, please refer to 2.6-2.7. It is required to use the disposable sleeves to prevent cross infection.

Put the sleeve and cover the handpiece before operation. After conducting a surgery on a patient, please take off the sleeve and throw away, as the sleeve is prohibited to reuse.

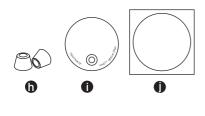
2.3. System components



Iten	n Description	Quantity
a	LEDEX™ WL-090+ Handpiece	1
0	Battery (3.6 V/3350 mAh)	1
0	Cradle	1

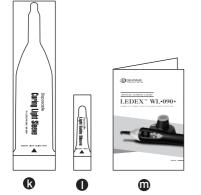


0	Power supply(Input AC100~240 V, 50-60 Hz, output DC5 V/2 A)	1
(3	Optical fiber light guide rod- (Ø 11>8 mm)	1
0	Optical fiber light guide rod- (Ø 11>5 mm)	1
0	Filter	1



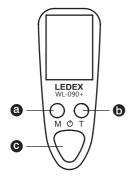
0	Anti-glare shield	2
0	*FIND™ Optical filter	1
0	*FIND™ Mirror	1





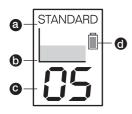
R	Disposable curing light sleeves	10
0	Disposable light guide sleeves	20
•	Instructions for use	1

2.4. Features



- **a** MODE: Pressing this button sequentially toggles the unit through the 8 curing modes.
- **6** TIME: Pressing this button sequentially toggles the unit through the serial curing time.
- © ON-OFF: Press this button to start the handpiece. Press this button again to turn on the curing light. Pressing this button during the curing cycle will interrupt and end the cycle. If the unit is in sleep mode, press this button will wake the unit and it will display with the last mode chosen.

2.5. Display



The display shows different information to the user. As shown above, it comprises different zones identified from top to bottom as follows:

- **a** A display of the curing mode selected.
- The output mode icons represent the type of light emission.
- This is the display of duration seconds of the selected curing cycle. During operation, this countdown display indicates the remaining activation time until the current cycle is completed.
- **d** A battery charge level indicator is symbolized by a ladder with 0 to 5 levels and charging status.

2.6. Installation and charging

Startup

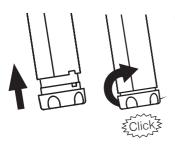
When receiving the unit, any damages may occur during transportation. If necessary, contact your supplier.



Handpiece

First of all, this product must be cleaned as normal preparation for each patient to prevent cross infection (see the chapter 7).

Remove the protective caps from the handpiece which should be kept whenever not in use to prevent liquid from damaging the LED. Next, insert the light guide into the handpiece and ensure the light guide is properly inserted.

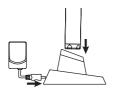


Battery

We recommend you to charge the battery fully before the first use.

Put the battery into the handpiece and rotate clockwise until you hear a "click" sound and feel the battery clicked into the right place.

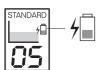
Ensure all the segments of the display are shown. The battery supplied is only charged to about 60% prior to shipment. Each time, charge it fully before using it.



1. Connect the power supply to AC100~240 V electronic socket and plug-in the connector to the cradle. Put the handpiece into the cradle to charge the battery.



2. When the battery is low, the display of the handpiece will glow and show the of low battery sign.



3. When the battery is charging, the display of the handpiece will glow and show the sign of charging battery.



4. When the battery is fully charged, the display of the handpiece will be turn off to save power.

2.7. Operating modes

Select curing programs and curing time. The curing modes and the curing time can be individually set. LEDEXTMWL-090+ is equipped with the following 8 curing modes for different indications. Use the mode selection button to choose the curing programs. The display will change accordingly (see Indicators on the handpiece). The device comes equipped with the following pre-set modes:

Factory settings

lcon	Mode	Curing time duration (sec)	Intensity of light
10	LOW	10,20,30,40	600 mW/cm ² (+/-15%)
05	RAMP	5,10,15,20,25,30,35,40	1000 mW/cm² (+/-10%)
STANDARD 05	STANDARD	5,10,15,20,25,30,35,40	1000 mW/cm² (+/-10%)
02	HIGH	2,4,6,8,10	1800 mW/cm² (+/-10%)
FAST ORTHO	FAST ORTHO	3,4,5 repeat 10 times	1800 mW/cm² (+/-10%)
02	TURBO	2,3,4,5	2400 mW/cm² (+/-10%)
INSPECT (CAID PLAQUE XXX	PLAQUE INSPECT	no timer selected 30 seconds setting only	250 mW/cm ² (+/-15%)
INSPECT CARIES	CARIES INSPECT	no timer selected 30 seconds setting only	350 mW/cm ² (+/-15%)

Light intensity Recommended Curing Time (on STANDARD mode)

Fill Materials	Curing time
Universal composite (2 mm depth)	10 seconds
Universal composite (4 mm depth)	20 seconds

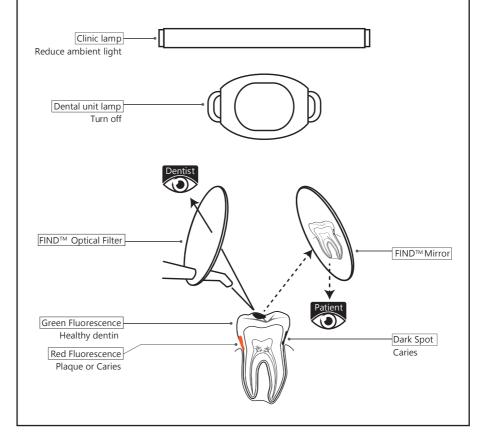
^{**}Generally, these recommendations apply depends on situations. The emission window of the light probe is placed directly over the material in order to be polymerized. Extend the curing time accordingly to increase the distance between the light source and the material.

Recommended curing modes

Mode	Application
LOW	Tooth and composite resin
RAMP	Wide area of composite resin, avoid shrinkage.
STANDARD	Most cases.
HIGH	For orthodontic or pediatric dentistry,
FAST ORTHO	Band materials
TURBO	Dental cement, porcelain veneer, fiber post.
PLAQUE INSPECT	Ideal for dental plaque inspect. The location of plaque or tartar will be changed to red of fluorescence.
CARIES INSPECT	Ideal for caries inspect. The location of caries which has caries bacteria will be changed to red of fluorescence. If you see the dark spot, it also is caries.

Tips

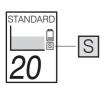
- While using plaque or caries inspect, please put on 5 mm light guide rod, it
 is the best size to check plaque and caries in dark environment and observe
 the pure violet wavelength output through FIND™ optical filter, you can see
 easily and immediately where excavation of caries is.
- While using plaque or caries inspect, please turn off dental unit lamp and reduce ambient light of clinic, it will avoid other sources of light to ensure that the distinction between red and green fluorescence is clearly maintained. The plaque & caries area will be displayed on red fluorescent results.
- While using plaque or caries inspect, patient can hold the FIND™ Mirror, patient is easy to see their plaque or caries via the mirror.



- 1. Press button M to switch to sound setting.
- 2. In sound setting, press button T to switch between Mute and Unmute.
- 3. Press button M to return to other mode.



Safety status:



When LEDEX[™] WL-090 is operated frequently for long period of time, the temperature may become too high. Therefore, the "Safety" mode function will then be activated automatically to prevent the light from overheating. The safety mode cuts the light intensity in approx. half and extends the irradiation time.



When the temperature becomes guite high, the display of handpiece will glow and show the sign of "Over Heat".

Auto sleep designed:

LEDEX[™] WL-090+ will sleeps automatically if no operations are performed for three minutes, the display will be turn off.

3. Contraindications

For patients who are prone to photobiological reactions:

Do not use the LEDEXTM WL-090+ dental curing light for patients with a history of photobiological reactions (including patients with Urticaria solaris or erythropoietic protoporphyria) or those who currently have treatments with photosensitising pharmaceuticals.

4. Warnings



4.1. User

The handpiece is intended for the polymerization of light-cured materials and is used by trained and qualified professionals, such as dentists.



4.2. Ambient conditions

Do not place the device in humid surroundings or any places which are close to any liquids.

Do not expose the device to any heat sources. Store the device in a safe environment.

- The device could be operated up to a maximum temperature of 35 °C and up to an altitude of 2,000 m above sea level.
- Do not use the device in the presence of free oxygen, anesthetics or flammable substances.
- The device may interference or interfere with the radio or the operation of the equipment nearby. If this happens, reduce the interference by reorienting and repositioning the device or screening off the immediate environment. The electromagnetic radiation emitted from this device is below the recommended limits specified by the applicable relevant provisions (EN 60601-1-2:2007 & EN 60601-1:2006).
- The device requires special precautions with regard to electromagnetic compatibility (EMC) and it must be installed and operated in strict compliance with the EMC information.
 Especially, do not use the device in the vicinity of fluorescent lamps, radio transmitters, remote controls, portable or mobile RF communication devices, even if they meet CISPR 8 requirements.
- Do not charge, operate or store the device at high temperatures. Comply it with the specified operating and storage conditions.



4.3. To avoid electric shock (shock hazard)

The LEDEX[™] WL-090+ Dental Curing Light is an electric device designed to meet the worldwide electrical safety standards, which includes U.S.A. and Europe, so it's safe and effective for all dental applications.

To avoid electric shock:

- Do not attempt to open or alter the unit in any way. Only the service centers authorized by DENTMATE can open the unit housing and repair the device.
- Do not put any foreign objects into the housing of the unit.
- Use only the LEDEX[™] WL-090+ cradle when recharging this product. Never attempt to use any other devices for recharging.
- Connect the power plug into a suitably grounded and approved outlet. When you use an extend cable, make sure the grounded line is not interrupted.
- Always unplug the charging dock before disinfecting.
- Never use the power supply if the cord has been damaged.



4.4. Heat development (burn hazard)

As it is the case with all high-performance lights, the high light intensity results in a certain heat development. Prolonged exposure near the pulp and soft tissues may result in irreversible or reversible damage. Therefore, this high-performance curing light must be operated by trained professionals.

Note: At least 10 mm gap between soft tissues and optical fiber light guide rod.



4.5. Battery

Use only original spare parts, particularly DENTMATE batteries and charging bases. Do not short circuit battery. Do not store at temperatures above 40 °C / 104 °F(or 60 °C / 140 °F for a short period). Always store batteries charged. The storage period must not exceed 6 months. It may explode if it's disposed of in fire.



4.6. Accessories

Only use original DENTMATE components/accessories and spare parts:

Original DENTMATE accessories	
LEDEX™ WL-090+ Handpiece	
Battery (3.6 V/3350 mAh)	
Cradle	
Power supply (Input AC100~240 V, 50-60 Hz, output DC5V/2 A)	
Optical fiber light guide rod-(Ø 11>8 mm)	
Optical fiber light guide rod-(Ø11>5 mm)	
Filter	
FIND [™] Optical filter	
FIND™ Mirror	
Anti-glare shield	
Disposable light guide sleeves	
Disposable curing light sleeves	

Using other accessories/spare parts may lead to increased emission of electromagnetic interference or to reduced electromagnetic interference immunity.



4.7. Repairs and defects

Do not use the device if you suspect its damage or defect.



4.8. Transport

Intact devices can be transported by land freight or air freight in the original packaging. The applicable requirements must be met. Defective devices can also be transported by air freight or land freight in the original packaging. If the battery is defective, the device won't be able to be transported by air freight under any circumstances.

5. Precaution

- 5.1. During operation, the light should be aimed straightly on the resin to ensure solidification effectively.
- 5.2. Never aim the light directly at unprotected soft tissues because this may lead to injury or irritation. Do not aim the light at eyes. Light reflected from the tooth surface may also injure eyes. Use the protective shield supplied with the unit or suitable, light filtering safety glasses.

6. Troubleshooting

Problem	Resolution
Can not turn on the handpiece	Remove the battery and insert it again. If the error persists, please plug-in the power supply to cradle and charge the battery at least 10 mins. Then push the ON/OFF button again.
Can not charge the battery	Please clean battery contacts. If the error persists, please change a new battery.
Display shows "overheat" sign	If the temperature rises up to a really level, please wait a moment and then use it again.
Display shows "Error 1" sign	LED module is unnormal, please call your qualified technician.
The intensity is too low	If the result of intensity test in Standard mode is under 700 mW/cm², and the output is too low,please contact with your dealer.

7. Daily Maintenance

Read this entire section before cleaning the unit. This product must be cleaned as normal preparation for each patient to prevent cross infection.

The use of the sleeve is an additional precautionary measure against contamination and does not substitute disinfection of the device.

After using, remove the sleeve. Clean the optical light guide rods and the handpiece with cloth moisture with alcohol or cleaner. Keep solvents or flammable liquids from the unit because they may damage its plastic housing.

Always keep the charger, handpiece and light guide well. Moisture may cause electrical short-circuit or dangerous malfunction.

Test the Light Guide Attachment with the Radiometer

Verify the LEDEX[™] WL-090 performance each time before using the radiometer which is built into the cradle.



1. The curing time interval should exceed 5 seconds for each cycle.



2. Verify the radiometer sensor which can impact the accuracy of the measurement. The surface of sensor area can be wiped with a cotton swab with alcohol.



3. Carefully hold the unit, so the Light Guide Attachment is aligned with the radiometer sensor and centered within the white circle provided.

Tips:

Optical fiber light guide must be horizontal alignment in the middle of the sensor area.



4. While holding the unit, press and release the ON-OFF Button. The radiometer will then provide a reading of the light intensity on the cradle display.

Notice:

The WL-090 built-in radiometer is only suitable for measuring 8 mm optical fiber light guide rod. It will cause incorrect measurement if it uses in other sizes of optical light guide rod.

5. Wait till the light is off before moving the Light Guide Attachment away from the radiometer sensor.

8. Disposal

Comply with your national regulations, guidelines and requirements for the disposal of end-of-life electrical equipment and batteries. Specialized dental dealers will be pleased to provide you with country-specific information concerning disposal.

This device is provided with a Li-ion battery. For environmental reasons, please dispose of the device according to local environmental guidelines or regulations. Make sure the product or the battery is not mixed with other types of waste when it is disposed of. Prior to disassembly and disposal, your device has to be completely reprocessed and must not be contaminated.

9. Warranty

DENTMATE TECHNOLOGY Co., Ltd. warrants the product to be free of manufacturing defects for a period of one year from the date of purchase; this is deemed as the date of the invoice. It could be repaired or replaced at its own discretion all equipment failures due to manufacturing defects. However, the followings are expressly excluded from the warranty:

- 1. Damage and/or failure of the equipment caused by falling and/or jolting during transportation after purchase and/or during the normal use.
- Damage and/or failure of the equipment caused by natural disasters, such as earthquakes, floods, lightning, pollution, incorrect electrical voltage and voltage spikes.
- 3. Any attempts to open the hand piece will invalidate the warranty.

10. Product Specifications

Type of Information	Specifications
Dental curing light	Medical equipment
Device name	LEDEX™
Model number	WL-090+
Power supply	Input: AC100~240 V, 50-60 Hz Output: DC 5 V/2 A
Battery	3.6 V, 3350 mAh, type: Li-ion
Light source	10 W LED
The range of wavelength	390 ~ 480 nm, peak: 405, 460 nm
Radiant intensity	Up to 2400 mW/cm ² (± 10%)
Hand piece dimensions	Ø38 (max.) x L190 mm
Hand piece weight	180 g (with battery & light guide rod)
Cradle dimensions	Ø115 (max.) x H68 mm
Cradle weight	140 g
Equipment class (AC Adapter)	Class II
Safety	IEC 60601-1
EMC(Electro-Magnetic Compliance)	IEC 60601-1-2
Protection from electric shock	Type B applied part
Protection from ingress of liquids	IPX0
Operation	Continuous operation patient application, duty cycle 40 seconds ON / 120 seconds OFF on STANDARD mode.
Operating environment	Ambient temperature: 10° C 10° C 10° C 50° F 104° F Relative humidity: 30% Atmospheric pressure: 0.5-atm 50kPa
Storage and transport environment	Ambient temperature: Relative humidity: 10° c

11. EMC Declaration Of Conformity

Important information regarding Electro Magnetic Compatibility (EMC) with the increased number of electronic devices such as PC's and mobile (cellular) telephones, medical devices in use may be susceptible to electromagnetic interference from other devices. Electromagnetic interference may result in incorrect operation of the medical device and create a potentially unsafe situation. Medical devices should not interfere with other devices, too.

In order to regulate the requirements for EMC (Electro Magnetic Compatibility) with the aim to prevent unsafe product situations, the EN60601-1-2:2007 standard has been implemented. This standard defines the levels of immunity to electromagnetic interferences as well as maximum levels of electromagnetic emissions for medical devices.

This medical device manufactured by DENTMATE conforms to thisEN60601-1-2:2007standard for both immunity and emissions. Nevertheless, special precautions are needed to be observed:

• Do not use mobile (cellular) telephones and other devices which generate strong electrical or electromagnetic fields near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Keep a minimum distance of 7 m. Verify correct operation of the device in case the distance is shorter.

Further documentation in accordance with EN60601-1-2:2007 is available within this manual referring to section "Manufacturer's Declaration".

12. Manufacturer's Declaration

The LEDEX[™] WL-090+ is intended for use in the electromagnetic environment specified below. The customer or the user of the LEDEX[™] WL-090+ should assure that it is used in such an environment.

Electromagnetic Emissions: (IEC60601-1-2)

Emission Test	Compliance	Electromagnetic Environment	
RF emission CISPR 11	Group 1	The LEDEX [™] WL-090+ uses RF energy only for internal functions. Therefore, this	
RF emissions CISPR 11	Class A	RF emission is extremely weak and there is little chance of it creating any kind of interference whatsoever with nearby electronic equipment.	
Harmonic emissions IEC 61000-3-2	Class B	The LEDEX [™] WL-090+ is suitable for use in all establishments, including domestic establishments and those	
Voltage fluctuations/ flicker IEC 61000-3-3	Complies	directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.	

(IEC60601-1-2)Electromagnetic Immunity:

Immunity test	IEC60601-1-2 test level	Compliance level	Electromagnetic environment-guidance	
Electrostatic discharge IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.	
Electric fast transient/burst IEC 61000-4-4	± 2kV for power supply lines ±1 kV for input/ output lines	±2 kV for power supply lines ±1 kV for input/ output lines	Mains power quality should be that of a typical commercial or hospital environment.	
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	±1 kV differential mode ±2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment.	
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT for 0.5 cycle	<5 % UT for 0.5 cycle	Mains power quality should be that of a typical commercial or hospital environment. If the user of the LEDEX™WL-090+ requires continued operation during power mains interruptions, it is recommended that the LEDEX™WL-090+ be powered from an uninterruptible power supply or a battery.	
	40 % UT for 0.5 cycle	40 % UT for 0.5 cycle		
	70 % UT for 0.5 cycle	70 % UT for 0.5 cycle		
	<5 % UT for 5 sec.	<5 % UT for 5 sec.		
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in atypical commercial or hospital environment.	
Note: LIT is the a.c. mains voltage prior to application of the test level				

Note: UT is the a.c. mains voltage prior to application of the test level.

Immunity test	IEC60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
			Portable and mobile RF communications equipment should be used no closer to any part of the LEDEX™ WL-090+, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz 80 %AM(2 Hz)	3 Vrms	Recommend separation distance $d = 1.2 \sqrt{P}$ 150 kHz to 80 MHz $d = 1.2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2.3 \sqrt{P}$ 800 MHz to 2.5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to he transmitter manufacturer and d is the recommended separation distance in meters (m).
IEC 61000-4-3	Radiated RF 80 MHz to		Field strengths from fixed RF transmitters as determined by an electromagnetic site survey ^a , should be less than the compliance level in each frequency range ^b . Interference may occur in the vicinity of equipment marked with the
			following symbol (((•)))

Note1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

- 1. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the LEDEXTM WL-090+ is used exceeds the applicable RF compliance level above, the LEDEXTM WL-090+ should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the LEDEXTM WL-090+.
- 2. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended Separation Distances:

Recommended separation distance between portable and mobile RF communications equipment and the LEDEX™WL-090+

The LEDEX[™] WL-090+ is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the LEDEX[™] WL-090+ can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the LEDEX[™] WL-090+ as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter m				
	150 kHz to 80 MHz d = 1.2 √P	80 MHz to 800 MHz d = 1.2 √P	800 kHz to 2.5 GHz d = 1.2 √P		
0.01	0.12	0.12	0.23		
0.1	0.38	0.38	0.73		
1	1.2	1.2	2.3		
10	3.8 3.8 7.3				
100	12 12 23				

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be determined using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

Note1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies

Note2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

13.Order Information Spare parts / Disposable parts

WL-070 Ha	nd piece (including battery)
3100-1001	WL-070 white
3100-1002	WL-070 black
3100-1003	WL-070 orange
3100-1004	WL-070 blue
3100-1005	WL-070 green
3100-1006	WL-070 yellow
3100-1007	WL-070 pink
WL-070+ H	land piece (including battery)
3103-1001	WL-070+ white
3103-1002	WL-070+ black
3103-1003	WL-070+ orange
3103-1004	WL-070+ blue
3103-1005	WL-070+ green
3103-1006	WL-070+ red
3103-1007	WL-070+ purple
WL-070+ C	PRTHO Hand piece battery)
3105-1001	WL-070+ ORTHO white
3105-1002	WL-070+ ORTHO black
3105-1003	WL-070+ ORTHO orange
3105-1004	WL-070+ ORTHO blue
3105-1005	WL-070+ ORTHO green
3105-1006	WL-070+ ORTHO red
3105-1007	WL-070+ ORTHO purple
WL-090 (+)	Hand piece (excluding battery)
3101-1001	WL-090

3102-1001	WL-090+		
WL-120 Hand piece (including battery)			
3106-1002	WL-120		
Power supp (mini)	ly AC100~240V/DC5V - (micro) /		
2403-0003	Micro + US clip		
2403-0004	Micro + EU clip		
2403-0005	Micro + UK clip		
2403-0006	Micro + AU clip		
2403-0007	Micro + KR clip		
2403-0008	Mini + US clip		
2403-0009	Mini + EU clip		
2403-0010	Mini + UK clip		
2403-0011	Mini + AU clip		
2403-0012	Mini + KR clip		
Optical Fibe	r Light Guide		
2402-0001	Ø8mm, <i>black</i>		
2402-0005	Ø8mm, transparent		
2402-0003	Ø8>5mm, <i>black</i>		
2402-0004	Ø8>3mm, <i>black</i>		
2402-0006	Ø11mm, <i>black</i>		
2402-0007	Ø11>8mm, black		
2402-0009	Ø11>5mm, <i>black</i>		
2402-0011	Ø11>3mm, <i>black</i>		
2402-0013	Shortened Ø11>8mm, black		
2402-0014	Shortened Ø8mm, black		
2402-0015	Straight Ø11>8mm, black		

2402-0016	Straight Ø8mm, black
WL-070 Hol	der
2100-0060	WL-070 white
2100-0061	WL-070 black
2100-0062	WL-070 orange
2100-0063	WL-070 blue
2100-0064	WL-070 green
2100-0065	WL-070 yellow
2100-0066	WL-070 pink
WL-070+ W	/ireless Charging Stand
3103-2008	WL-070+ white
3103-2009	WL-070+ black
3103-2010	WL-070+ orange
3103-2011	WL-070+ <i>blue</i>
3103-2012	WL-070+ green
3103-2013	WL-070+ red
3103-2014	WL-070+ purple
WL-070+ O	rtho Wireless Charging Stand
3105-2008	WL-070+ ORTHO white
3105-2009	WL-070+ ORTHO black
3105-2010	WL-070+ ORTHO orange
3105-2011	WL-070+ ORTHO blue
3105-2012	WL-070+ ORTHO green
3105-2013	WL-070+ ORTHO red
3105-2014	WL-070+ ORTHO purple

WL-090(+) / WL-120 Cradle			
WE-030(1) / WE-120 Olddie			
3101-2003	Cradle Fit WL-090 white		
3102-2008	Cradle Fit WL-090+ black		
3106-2004	Cradle Fit WL-120		
Battery			
2100-0050	Battery 3.6V/800mAh Fit WL-070/WL-070+/WL-070+ORTHO		
2101-0024	Battery 3.6V/3350mAh Fit WL-090/WL-090+		
2106-0029	Battery 3.6V/1940mAh Fit WL-120		
Filter			
2100-0051	Filter Fit WL-070/WL-070+ /WL-070+ORTHO, 50 pcs/bag		
2101-0026	Filter Fit WL-090/ WL-090+, WL-120, 50 pcs/bag		
Anti-glare shield			
2401-0007	8 mm, 2 pcs/set, 50 sets/bag		
2405-0002	11 mm, 2 pcs/set		
Curing Light Sleeve			
2401-0002	Light Guide Sleeve, 400 pcs/box Fit 8mm light guide		
2401-0004	Curing Light Sleeve, 100pcs/box Fit WL-070/WL-070+/WL-070+ORTHO		
2401-0006	Curing Light Sleeve, 100pcs/box Fit WL-090/WL-090+/WL-120		

NOTE

NOTE

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