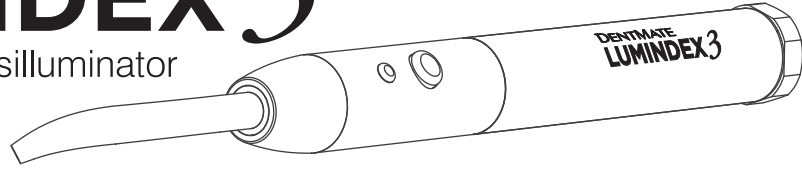


DENTMATE LUMINDEX 3

LED Penlight - Transilluminator



Instructions for Use



Thank you for purchasing the LUMINDEX 3 LED Penlight. Significant research and development has made the LUMINDEX 3 a superior product designed for years of trouble-free use.



Please read and understand all the instructions before using this device, and save this manual for your reference. This manual is subject to change without notice.



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SYMBOLS USED



Hazard warning



High Intensity Light



Serial number



Catalog number



Read instructions before use



Date of manufacture



Keep dry



Temperature limits



For professional use only



Manufacturer



Recycling



Atm. pressure for storage



EU representative



CE Marking



Do not dispose of with normal household waste



Storage humidity range



Ordinary equipment



UKCA Marking

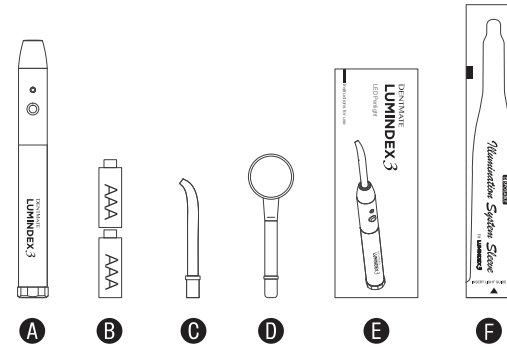
Product Information

The light has been manufactured with a super-high luminosity LED to assist in inspecting caries, calculus, fractures, and root canal orifices during therapeutic or surgical procedures, often without the need for X-rays. Immediate feedback saves time and improves productivity, patient comfort, and care.

- Automatic compensation circuit for constant power output.
- Low battery LED indicator.
- Auto shut-off function.

Indications for Use

LUMINDEX 3 is an auxiliary transilluminator for dental/medical diagnosis and oral hygiene instruction by dental/medical professionals. FOR DENTAL/MEDICAL USE ONLY. For best diagnosis results, reduce ambient light and/or turn off dental unit overhead lamp.



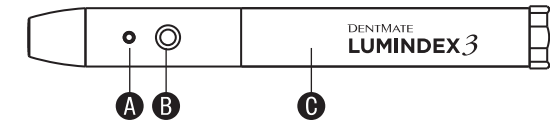
System Components

Item	Description	Qty
A	LUMINDEX 3 Handpiece	1
B	AAA Alkaline Battery	2
C	3mm Light Guide Rod	1
D	Disposable Dental Mirror	1
E	Instructions for Use	1
F	Disposable Sleeves	20

Product Information

A. LED Low Battery Indicator

When the LED indicator flashes every 3 seconds, replace batteries with new AAA alkaline batteries.



B. ON/OFF Button

Pressing the button turns the light ON and selects the preferred intensity mode in a HI-LO-OFF pattern:

- Press the button once for high intensity.
- Press the button again for low intensity.
- Press the button again to turn the light off.

C. Battery Compartment

Initial Use Instructions

Step 1: Unscrew battery compartment (A) counterclockwise.

Step 2: Insert 2 AAA batteries (B) following diagram on battery housing.



Step 3: Carefully push fiber optic light guide (C) straight into the handpiece using caution not to break the guide. DO NOT FORCE.

Step 4: Press the ON/OFF button to operate.

Auto Shut-off Function

LUMINDEX 3 will turn off automatically after 5 minutes of use to conserve battery power.

Daily Maintenance



Read this entire section before cleaning the unit. Failing to follow these guidelines could cause damage to the device. This product must be cleaned as normal preparation for each patient.

The use of the sleeve is an additional precautionary measure against contamination and does not substitute disinfection of the device. Disposable sleeves are designed for single-use only. After using, remove the sleeve. Clean the optical light guide rods and the handpiece with a cloth moisture with alcohol or cleaner.

The body of the device may be wiped with a solution indicated for surface disinfection. Follow all solution manufacturer's guidelines for use. DO NOT USE a solution containing bleach. DO NOT IMMERSE.



Ambient Conditions

Do not store the device in humid surroundings. Do not place the device where it may come in contact with liquids. Do not expose the device to any heat sources.



Battery Disposal

For environmental reasons, please dispose of batteries according to local environmental guidelines or regulations. DO NOT dispose of batteries in fire.

Warranty

DENTMATE warrants the product to be free of manufacturing defects for a period of one (1) year from the date of purchase, deemed as the date of the invoice. At its own discretion, units returned due to manufacturing defects within the warranty period will be repaired or replaced. The following are expressly excluded from the warranty:

- Damage and/or failure of the equipment caused by dropping and/or jolting during handling 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.

Any attempts to open the handpiece will invalidate the warranty.

Date of Invoice _____

Troubleshooting

Problem	Resolution
Cannot turn on the device	Insert 2 new AAA batteries following diagram on battery housing

Product Specifications

Type of Information	Specifications
Device Name	LED Penlight
Model Number	LUMINDEX 3
Battery	1.5 V AAA Alkaline Battery x 2
Light Source	High-powered LED
Color Temperature	6500 °K
Radiant Intensity @5 mm	Low Mode: 15,000 lux (+/- 10%) High Mode: 30,000 lux (+/- 10%)
Device Dimensions	16 mm Ø (max) x 135 mm L
Device Weight	59 g (+/- 10%)
Protection from Ingress of Liquid	IPX0
Operating Environment	Ambient Temperature: Relative Humidity: Atmospheric Pressure:
Storage and Transport Environment	Ambient Temperature: Relative Humidity: Atmospheric Pressure:

UK Responsible Person:

MediMap Ltd
2 The Drift, Thurston, Suffolk
IP31 3RT, United Kingdom



Manufacturer

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EC REP EU-representative

Y. Sung Handelsvertretung
Toulouser Allee 9, 40211
Düsseldorf, Germany

WARNINGS



User

LUMINDEX 3 is an auxiliary transilluminator intended for dental/medical diagnosis and oral hygiene instruction by dental/medical professionals. FOR DENTAL/MEDICAL USE ONLY.



Ambient Conditions

Do not store the device in humid surroundings. Do not place the device where it may come in contact with liquids. Do not expose the device to any heat sources.

Do not use the device in the presence of free oxygen, anesthetics, or flammable substances.

Do not charge, operate, or store the device at high temperatures. Comply with the specified operating and storage conditions.



Electric Shock Hazard

The LUMINDEX 3 is an electric device designed to meet worldwide electrical safety standards. 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.



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 damage. Therefore, this device must be operated by trained professionals only.



Eye Hazard

Use proper eye protection when using this device. Do not aim the light at eyes. Light reflected from the tooth surface may also injure eyes.



Battery

Use AAA alkaline batteries only. Do not short circuit battery. Do not store at temperatures above 40°C (104°F) (or 60°C for a short period). In case of storage period of 6 months or longer, remove batteries from housing.



Repairs and Defects

Do not use the device if you suspect it is damaged or defective. If batteries are defective, DO NOT transport the device by air freight under any circumstances.

Optional Accessories

Only use original DENTMATE components/ accessories and spare parts.

Item	DENTMATE REF	Description	Qty/ Unit
A	2402-0012	3 mm Light Guide Rod	1 ea
B	2401-0008	Disposable sleeves	100/ box
C	2402-0017	1 mm Endo-Lux Light Guide with 10 disposable fiber	1 ea
D	2402-0018	Endo-Lux Refill Pack	40/ box
E	2402-0022	2 mm Light Guide Rod	1 ea
F	3400-0002	Disposable Dental Mirror	50/ box

