

K-Lite is an electronic device developed as additional method to enhance the traditional dental examination.

K-Lite has dual functional lights:

- Violet LED with visible spectrum wavelength for Fluorescence Induction method and
- White LED for Transillumination.

«K-Lite is the Key that makes visible your invisible esthetic work»



Item no. 3000-KL

Description

Electronical device with alternative violet visible spectrum wavelength and white light LED (violet wavelength 395-400nm and white LED 6000°K) in a compact and robust housing.

Light guide glass tip (3mm dia.), removable for cold disinfection. Manual button On/Off switch.

Contents of the box :

- K-Lite unit
- Light guide, glass fiber
- Disposable protective sleeves, 3 pcs
- AAA batteries, 2 pcs

NOT STERILE.
REFERR TO CLEANING AND DESINFECTING SECTION

Cleaning and desinfecting

Housing

The aluminum housing can be wiped with almost any bactericide disinfectant.

Be careful not to get disinfectant into the front housing, as this could damage the LED contacts. This part can be gently cleaned with a cotton-bud after some use.

Fiber optic light guide

The light guide can be wiped with the usual disinfecting bactericide solutions or cold sterilized.

Do not autoclave the housing and the light guide : this will damage the unit and void your warranty.

Specifications

Unit dimensions (without light guide)	length 150 mm diameter 20 mm weight 55 g
Light guide tip diameter	3 mm
Light source	2 LEDs
Battery	2 pcs AAA 1.5V
Battery lifetime	• +/- 6 hours in normal working conditions, i.e. interrupted sessions of 30" mode (lab measurement)
Violet LED wavelength (visible spectrum)	395 - 400 nm
White LED temperature	6000°K

First time use

- Unscrew the end cap (1) and insert the 2 AAA batteries (2) with the positive (+) side towards the LED. Replace the end cap (1).
- If you're not going to use the K-Lite for more than 30 days, it is recommended to remove the batteries.

- Insert the light guide (4) into the front housing of the K-Lite (3) by pressing firmly until you hear the 'click'. The stainless steel ferrule of the light guide (5) should be completely inserted.

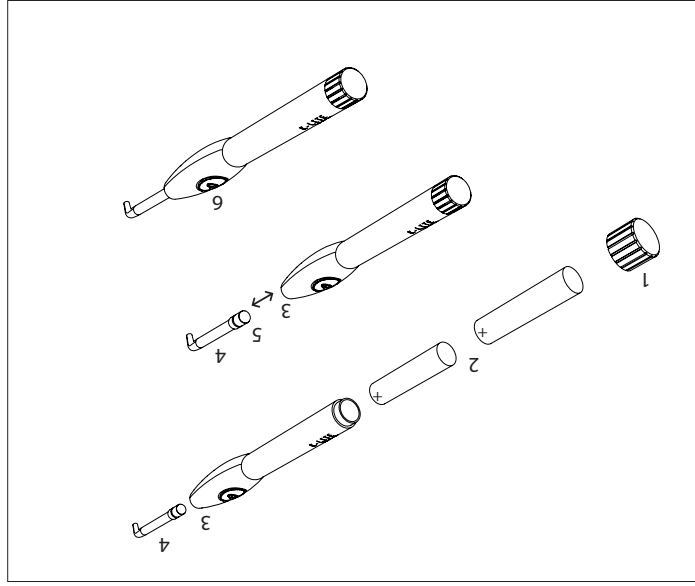
Warning: The light guide is fragile, handle it with care ! Both when inserting and removing it, always pay attention to keep it 100% in the axis of the device.

- Press one time the on/off button (6) to turn the unit on with Violet LED light - you don't need to keep the button pressed.

The light guide must not be in contact with the tooth. Keep a distance of about 5mm, up to 25mm depending on the intended effect. A flash occurs after 10 seconds of use, 2 flashes after 20 seconds and 3 flashes after 30 seconds, then the unit automatically switches off.

- For switching to the WHITE LED mode, press the on/off button (6) when in Violet LED mode. The WHITE LED switches off automatically after 60 seconds and a 3 flashes signal.

- To switch off the K-Lite unit, press the on/off button again



Replacement parts & Accessories

K-Lite light guide

K-Lite disposable protective sleeves, 200 pcs

Item no. 3010-KL
Item no. 3011-KL

