

PEKALUX LED

Thank you for choosing PEKALUX LED Curing Light for your practice. PEKALUX LED Curing Light Unit is part of a non-medical system and assembled for industrial applications. The light unit is equipped with powerful LED technology and will be available as wireless hand unit. Thanks to its greater light output, the curing can be done very fast. This makes it possible to carry out the repair process even more quickly and effectively. For you this means additional savings in time and money and as a consequence a positive effect on your profit.

UNPACKING OF THE UNIT

Upon receiving your unit, please check the packing and all parts for any possible damage that may have occurred during delivery. If there is any apparent damage, please contact your supplier. Please check the content of the standard package:



1. Handpiece
2. Battery
3. Charger
4. Eye Protection shield
5. LED Cone
6. Handpiece Holder
7. Light Guide
8. Curing Depth Tester
9. No Glare Cones
10. Adapter
11. Extension Cord

SAFETY INFORMATION

ATTENTION! Read these pages carefully before plugging in and operating the unit. As with all the unit, for safe operation, the safety instruction in this operating manual must be carefully followed.

- This unit must be used ONLY for the polymerization of non-medical systems
- We have no liability for any damage arising from any other use of this unit, whether for other applications or otherwise
- Use only original spare parts

SETTING UP THE UNIT

1. Insert the light guide into the LED Cone firmly.
2. Insert the Eye protection shield in to the groove on the Teflon nozzle.
3. Insert the No-Glare Cones on the tip of the light guide.



4. Connect the battery with the handpiece. The battery level indicator lights in red or green color and an audible signal sounds.
5. Put the charger on a flat surface and put the handpiece on the charger base.



6. Plug the adapter and the charger to the electric supply as long as the battery is charged up and the light turns green.
7. Leave the handpiece for a full charge.
8. After full charge, your unit is ready to use.

! Put the handpiece on the charger, whenever possible. Use the unit always with a fully charged battery. This will prolong the service life of battery.

INDICATORS ON THE CHARGER

Blue:	Power on
Red:	Low battery level
Green:	Full battery level
Acoustic:	To confirm handpiece insertion, removal and full battery

INDICATORS ON THE HANDPIECE

Battery level:	Red: low battery Green: full battery
Acoustic signals:	to confirm start and end of exposure
Timer button:	One signal 5 seconds Two signals 10 seconds Three signals 20 seconds One long signal 120 seconds ! Short signal after every 5 seconds

Silent mode: pressing timer and on button for 5 seconds. Repeat the procedure to turn sound back on

OPERATION

- Terminate the exposure by selecting the curing time with the timer button. The exposure starts by pressing the On button. Press the On button again to stop the exposure
- At low battery stage: after 5 minutes of inactivity the handpiece enters a sleep mode
- The fully charged battery runs around 90 to 120 minutes, depending on battery condition, age, use-rest frequency and time of the unit

- If the battery becomes dead, user may apply a new battery or just connect the supplied power extension cord between charger base and handpiece

REPLACEMENT MODULES AND ACCESSORIES



- 66054423 Battery
- 66054424 LED Cone
- 66013475 Light Guide

LIMITED WARRANTY

The manufacturer backs the Pekalux LED units with a one year limited warranty from the date of purchase. Within the warranty period, any defect or loss of performance resulting from faulty manufacturing or materials will be repaired or replaced at the discretion of the manufacturer or its distributor (except parts such as LED and battery).

CURING TIME IN COMPARISON

Product	Curing time	Pekalux Halogen curing depth(mm)	Pekalux LED curing depth(mm)
Technovit 2555	20sec	1,78	1,84
	40sec	1,89	1,95
Technovit 2543	20sec	1,89	1,96
	40sec	2,03	2,11
Technovit 2200	20sec	8,48	8,86
	40sec	8,55	8,86
Technovit 2210	20sec	5,15	5,19
	40sec	5,71	5,96

TECHNICAL DETAILS

Operating Voltage: 100-240 V 50/60hz
 Power Adapter Output Voltage: 12V DC 1,5 A
 Power Adapter Connector: 2.1 mm dia. Center positive