

# Instruction Manual

## LUXOMAXI

Light curing unit



Universal light curing unit for polymerizing dental material such as tray plates, sealing varnishes and blocking out material.  
Due to two UVA fluorescent tubes upward installed in a high class aluminum reflector, a constant lighting can be reached. Two different curing times: 5 minutes and continuously.

### Description

1. Connection cable
2. ON/OFF switch
3. Polymerization chamber
4. Infeed drawer
5. Pressure key
6. Control lights polymerization time
7. Locking drawer

### Setting up

The *LUXOMAXI* has to be placed in a dry area that is kept dust free at all times.  
The unit is to be placed on an even surface.  
Unplug the unit before cleaning.  
The inner area and reflector surfaces can be cleaned by means of alcohol.

## Technical Data

Mains supply	230 V +/- 10%	115 V +/- 10%
Frequency AC	50 Hz AC	50/60 Hz
Output	ca. 36 W	ca. 36 W
Fuse	T 1,24 A	T 1,24 A
Spectral range	UVA/UV	UVA/UV
Amount of lamps/tubes	4	4

## Operating instructions LUXOMAXI

1. Place the included UVA/UV lamps into the sockets inside the polymerization chamber (3) without tilting them.
2. Place the connecting cable (1) into a suitably protected contact plug.
3. Place model into infeed drawer (4).
4. Switch on the unit by means of the ON/OFF switch at the back of the unit.
5. Two polymerization times are available:
  - a) 5 minutes: press the key (5) on the upper side of the unit longer than 2 seconds.
  - b) continuously: press the key (5) on the upper side of the unit longer than 2 seconds.
6. Close the drawer completely by pushing it completely into the unit.

The curing process starts.

By pressing the key (5) again, the procedure of polymerization can be interrupted at any time.

When using bulky tray plates, they should be removed from the model and optionally be cured again from the other side.

## Important hints:

When installing and using UVS/UV lights, it is imperative to consider the regulatory instructions and the work safety guidelines.

The models should always be placed into the polymerization chamber when the lamps are switched off.

The unit is to be operated only by dental technicians or trained staff that has the authorization of the lab's proprietor.

After about 1000 hours, the lamps lose radiation efficiency, therefore the polymerization times become longer. Then the polymerization times need to be adjusted accordingly or the lamps need to be exchanged.

## Attention! Unit has to be switched off and unplugged beforehand!

Removing the infeed drawer completely:

In order to be able to remove the drawer completely from the housing, the nipple at the front of the chamber has to be pressed downwards. Then the drawer can be removed completely.

For inserting the drawer, put it exactly in the middle of the guide rail and push it in.

Alterations and repairs of the electric or mechanic parts of the device may only be executed by authorized staff.

## Disposal:

It is important to adhere to the regulations for disposal of electronic devices.

## Replacement of fluorescent lamps/tubes:

Spectral range: 350-400 nm Art.-Nr. 213-920-022  
400-500 nm Art.-Nr. 213-920-023

