

# Operating instructions



- 1. General terms:** LIGHT CURING UNIT, power-saving
- 1.1. Identification of the product:** LIGHT CURING UNIT II, art.-no. 76622/ 230Volt, art.-no. 76722/ 115Volt  
LIGHT CURING UNIT IV, art.-no. 76624/ 230Volt, art.-no. 76724/115Volt UVA Light for polymerization of light curing tray material
- 1.2. Delivery extent:** 1 Unit incl. a drawer for curing of 1-4 trays per cycle with optionally 2 or 4 fluorescent lamps each special coated
- 1.3. Manufacturer:** **GEBDI Dentalprodukte-Industriestraße 3A – D-78234 Engen / Germany**  
Tel.: 0049-7733-9410 16, FAX: 0049-7733-6434, www.gebdi-dental.com
- 1.4. Technical dates:**
- |                   |               |               |
|-------------------|---------------|---------------|
| Operating voltage | 230 V +/-10%  | 115VVAC50 HZ  |
| Power frequency   | AC 50 Hz      | AC 50/60 Hz   |
| Power input       | approx.. 28 W | approx.. 28 W |
| Fuse link         | T 0,40 A      | T 0,40 A      |
| Spectral range    | UVA           | UVA           |
| Number of lmaps   | 2/4           | 2/4           |
- 1.5. Storage conditions:** Store dry at room temperature. To clean the unit switch off the unit and pull out the power supply plug from the outlet. A cloth moistened with alcohol may be used for cleaning of the curing chamber and the drawer .
- 2. Determined use:** It is a light curing unit to polymerize light curing material only.  
The unit is produced power-saving and uses electricity exclusively during the Polimersaitonsprocedure.  
Not be used on persons or animals.  
In order to interrupt the polymerization procedure switch off the unit at the switch on the rear side.  
By use not according to regulation all guarantee and liability claims expired.
- 3. Caution:**
1. Drawer shall be inserted during operation / polymerization do not look directly into the light source
  2. Use appropriate power supply and protect from humidity and water.
  3. Ensure that children or any unqualified persons come into contact with the unit.
  4. To work with our units are authorised exclusively dental technician or from the laboratory owner entitled and introduced people. Before first using of the light curing unit the technician must read the manual. If there are obscurities please contact the manufacturer.
- 4. Operating instructions:**  
Insert the enclosed lamps by pushing them carefully into the sockets up to the stop.  
Connect the power supply with the correct outlet. Now the unit switches the white start counter, which is placed on the top side of the unit.  
The acoustic signal indicates the end of the polymerization and will be stopped automatically after 4min50sec. To activate the unit for polymerization put the tray material onto the drawer, insert the drawer into the curing chamber closing it and press the button placed on top of the unit. The polymerization procedure about the UVA lamps starts for the protection of the eyes only when the drawer is completely closed and is broken off immediately while opening the drawer. Then the polymerization procedure must be restarted.  
If the tray material handle is very thick remove from plaster model, turn it and add it for another polymerization.

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## 5. After usage:

The durability of the lamps is approx. 450 hours and can be replaced without problems (Plugin-system).

## 6. Disposal:

According to current local regulations of responsible disposal authorities.

## 7. Guarantee:

Our units are under warranty for six months from date of delivery!

## 8. Spare parts:

Fluorescent Lamps separately BL 350 / 9 Watt / Gebdi art.-no.: 76620

Fluorescent Lamps separately BL 450 / 9 Watt / Gebdi art.-no.: 76630

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