



LC-3DPrint Box

The LC 3DPrint Box is a new revolutionary UV light box, suitable for post curing 3D printing materials. The new LC 3DPrint Box is equipped with 12 UV light bulbs who are strategically placed inside the box. This ensures that a product is illuminated from all sides, which results in a quick and uniform curing cycle. The spacious inside (LxB 26 cm, H19,5 cm) of the LC-3DPrint Box allows you to easily cure multiple products at ones. In addition, the box has enough space to place an articulator inside. If necessary, the UV light bulbs can be changed easily.

The new LC-3DPrint Box allows you to post-cure NextDent 3D printing materials. Post-curing is required in order to obtain the final material properties. After the printing process the printed material is not yet fully cured and should be treated. First, the material needs to be cleaned in an alcohol bath followed by the so-called post-curing cycle.

Post-curing is an UV light treatment to ensure that NextDent materials obtain full polymer conversion and its final color. Through post-curing the residual monomer is reduced to a minimum and highest mechanical properties are obtained. This procedure is a necessary step to produce a biocompatible end-product. Always follow these instructions for use relevant to the corresponding material.

Specification	Value
Related voltage	110V/230V, 50/60Hz, 2,6A/1,3A
Power consumption	290W
Fuse	T2.0A, AC250V
Dimension	W 41 X D 44 X H 38 cm
Weight	22 Kg

Benefits

- High load capacity (LxB 26 cm, H19,5 cm)
- Full light spectrum (300-550 nm)
- Short polymerization times
- Controlled temperature for optimal curing
- Noiseless
- Objects are illuminated from all sides
- New post-process method (without additional oxygen)
- Freedom to set individual exposure times
- One Unit for all countries