PCU LED N_2

Pioneering technology.

A Dreve Company

The PCU LED is a light polymerization device for the post curing of components, which have been created by means of 3D printing. The validated process for manufacturing of biocompatible and laboratory build parts includes the M1 and M2 printers of Carbon 3D and the new post curing unit PCU LED N_2 from Dreve.

Biocompatible medical devices can be ensured by the use of qualified printers, associated materials and post curing devices.

Your benefits

- **Biocompatibility**
  Qualified and validated device for manufacturing of biocompatible medical devices according to DIN ES ISO 9001 and EN ISO 13485.
- **LED technology**
  LEDs have a defined wavelength for an optimal curing result without any discoloration of the material. The printed parts are illuminated from two sides by defined and calibrated LED lights. Low operating and maintenance cost due to long operational LED lifetime of 20.000 hours.
- **Electronic control**
  Process control with latest sensor technology by measuring pressure inside the curing chamber. The integrated sensors and a LCD screen display allow process monitoring and visual confirmation of a successful cure.
- **Different curing environments**
  Vacuum (150 mbar) for the post curing of laboratory products (FotoDent® setup, FotoDent® model, FotoDent® gingiva). Nitrogen atmosphere for the post curing of medical devices (FotoDent® splint, FotoDent® guide, FotoDent® tray).
- **Logging and monitoring of the process parameter**
  Data exchange via USB Flash drive for the traceability of medical devices.

PCU LED N_2 is the new post curing unit for industrial applications. It is ideal for validated and certified processes for manufacturing medical devices.

Ordering system

1. Registration: http://innovation-meditech.de/en/register#
2. A Dreve staff member will send access information by e-mail
3. Order: www.innovation-meditech.de/en/shop

Manufacturer
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