CLP 50

The accessible industrial slurry-based ceramic 3D printer

The CLP50 brings top-down DLP technology to users looking for a compact and straightforward way to develop and produce technical ceramic parts.

DLP Technology with 3DCERAM's Top-Down DNA



- Compact build volume (96x54x100 mm)
- For industrial users, ceramic part manufacturers & educational institutions
- Powered by dedicated 3DCERAM software
- Start printing with just 100mL of slurry
- Additional materials available on request
- Training and optional add-ons available on request

"An accessible industrial ceramic 3D printer certified by 3DCERAM"

Specifications

- **Technology:** Top-down DLP
- **Machine Dimensions:** 585 (L) x 596 (W) x 1000 (H) mm
- **Machine weight:** 150 kg
- **Print Volume:** 96 (W) x 54 (D) x 100 (H) mm
- **Projection Resolution:** 1920 x 1080 px
- **Lateral Resolution:** 50 µm
- **Light Intensity:** 1-50 mW/cm²
- **Layer Thickness:** 10-200µm, software configurable
- **Typical Build Speed:** up to 400 layers/hour (material dependent)
- **Material Supply Mode:** Peristaltic pump feeding
- **Electrical Requirements:** 230V, 16A, 50 Hz*

**subject to change without prior notice*



Compatible 3DMIX Slurries:

- Alumina
- Zirconia

More materials on demand

Open material development

Develop your own ceramic materials and process parameters.

Trainings and add-on on request - contact us at info@3dceram.com

Follow us on

4, rue du Parc de Maison Rouge
87280 Bonnac-la-côte
Tel: +33 (0) 5 55 04 10 90
info@3dceram.com

© 2026 3DCeram Sinto