

C1000 FLEXMATIC

A NEW AUTHENTIC INDUSTRIAL CERAMIC 3D PRINTING MACHINE



The C1000 FLEXMATIC is designed to meet the industrial challenges of large-scale production.

Designed to integrate the Smart Ceramic Factory, it has all the assets to print ceramic parts in a semi-automated line.

TECHNICAL DATAS

Dimensions Approx. 1150x1850x1950 mm (WxDxH)
 Building platform size 320x320x200 mm
 Weight Approx. 1450 kg
 Electrical requirements 220-240 VAC / 50Hz
 Power 300 mW
 Light source UV Laser
 Laser spot diameter ~ 60 µm
 UV Wavelength 405 nm
 Layer thickness 0.020 - 0.125 mm
 Option 2 lasers

Printing room requirements :

Optimal room temperature 20-25°C
 Max.room temp. variation 1°C/hour
 Relative humidity..... 50%
 Compressed air 6 bars dry

Pressurized tank, several capacities 24 or 46 L



Pressurized tank



ESSENTIAL

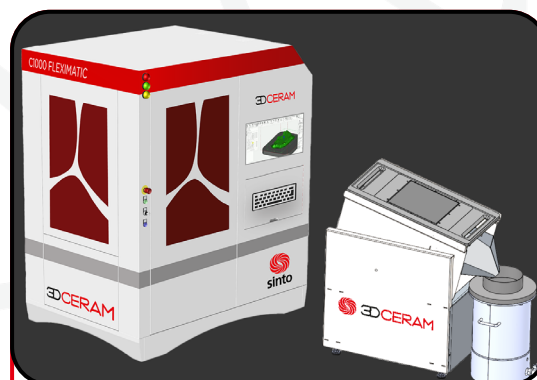
- Assistance (8h/year)
- 1 blade set renewal
- Laser module: fast shipping



SERENITY

Same content as the ESSENTIAL +

- On site annual support (1 day of preventive maintenance)
- Software upgrade: CPS and Build it (if Build it ordered)
- Assistance (16h/year)
- - 24H delay guaranteed answer (during working days)
- Laser module : fast shipping (48h max) to avoid interruption in your production chain, instead of the 2 required months . EXW Limoges



Semi-automatic line, to produce and recycle several productions in a row

3DMIX
BY 3DCERAM.



Slurries : Zirconia 3Y and 8Y, Alumina, Silicore DS/SX, Si3N4,HAP

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