

C1000 FLEXMATIC

An 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.



Powered by CERIA®



Pressurized tank with capacities of 45L



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

Technical data

Approx. dimensions.....	1160 x 1980 x 1800 mm
Build platform.....	size 320 x 320 x 200 mm
Approx. weight.....	1450 kg
Electrical requirements.....	220-240 VAC/50 Hz
Laser power.....	300 mW
Electrical consumption.....	1.5kW
Light source.....	UV Laser
Laser spot diameter.....	~60 µm
UV wavelength.....	405 nm
Z axis movement.....	0.020 - 0.125 mm
Option.....	2 lasers

Printing room requirements:

Optimal room temperature.....	20-25°C
Max. room temperature variation.....	1°C/hour
Relative humidity.....	50%
Compressed air.....	6 bars dry and without oil

INITIAL SERVICES PACK

- After-Sales Support Hours
- Monthly Follow-Up Meeting
- Preventive Maintenance C1000
- Ceramist Support Hours
- Process Support Hours



The loyalty program that maximizes the value of your Initial Service Pack.

Slurries:

- Zirconia 3Y and 8Y
- Alumina
- Silicore DS/SX
- Si_3N_4
- AlN



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

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