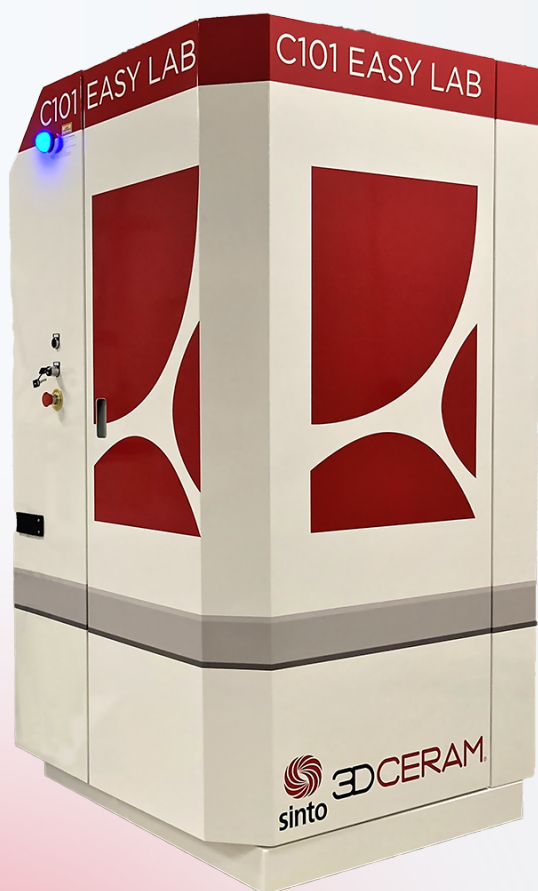


# C101 EASY LAB

The possibility to develop your own process



- Printer dedicated to research centres and universities for research and development
- Easy to use
- Optimized accessibility
- Stereolithography technology
- Open parameters
- Print with the optimal amount of material
- High-standard mechanical and optical elements to ensure precise printing
- Accessible to persons with reduced mobility
- 60 mL of ceramic is enough to start a print or 10 mL with the SAM (Small Amount of Material) option
- 180 mL, 360 mL; 600 mL and 920 mL cartridges available



Cartridge



## Technical data

|                              |                       |
|------------------------------|-----------------------|
| Approx. dimensions.....      | 1095 x 1070 x 1980 mm |
| Build platform size .....    | 100 x 100 x 150 mm    |
| Approx. weight.....          | ~600 kg               |
| Electrical requirements..... | 220-240 VAC/50 Hz     |
| Laser power.....             | 300 mW                |
| Electrical consumption.....  | 1 kW                  |
| Light source .....           | UV Laser              |
| Laser spot diameter.....     | ~60 µm                |
| UV wavelength .....          | 405 nm                |
| Z axis movement.....         | 0.020 - 0.125 mm      |

## 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
- Preventive Maintenance C101
- Monthly Follow-Up Meeting
- Process Support Hours



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

### Slurries:

- Zirconia 3Y and 8Y
- Alumina
- Silicore DS/SX
- $\text{Si}_3\text{N}_4$
- HAP
- TCP



Trainings and add-ons on request - contact us at [info@3dceram.com](mailto:info@3dceram.com)

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