

# CeraFab System S65

# LITHOZ®

We are ceramic 3D printing.

For digital serial production with absolute precision



**The CeraFab System S65 is the flexible all-rounder that can handle any project. Built for maximum scalability - all the way to interconnected mass production.**

#### World's leading industrial ceramic 3D printer\*:

- Industry 4.0: Connect up to 100 printers
- Digital inventory for simultaneous mass production across geographical locations
- Exact reproducibility even at full capacity
- Pinpoint-precise dosage for minimal material waste
- Long-lasting quality of every component
- First-class Lithoz support for your project

#### High performance, high quality:

- Rapid build speed of 150 layers / hour
- Premium WQXGA resolution projector ensures constant precision
- Process database for seamless documentation of print jobs
- Build volume available with heating unit
- Separately encapsulated and cooled optical components

\*Voxelatters - 2023 market report in technical ceramic additive manufacturing

Global market leader in ceramic 3D printing.

Find out more  
about the  
CeraFab System S65

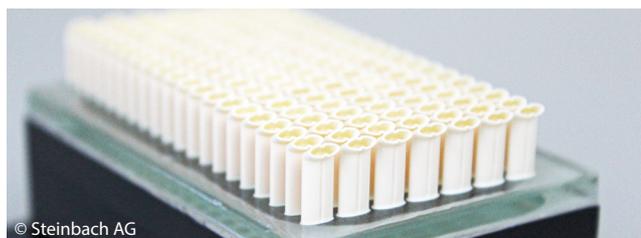


# Empower your serial production



## The industry Standard for Ceramic 3D Printing

With its flexible all-rounder qualities and straightforward scalability to more than 100 interconnected printers, the CeraFab System S65 has set the industry standard for ceramic 3D printing. This machine has been specially designed to deliver the highest possible build speed at a constant accuracy - even for the most intricate application. Its ultra-precise exposure ensures zero tolerance over the whole build platform and guarantees perfect part reproducibility during each and every print job without compromise.



## Higher Resolution Using WQXGA Projector

- Higher resolution and even finer geometries through state-of-the-art DLP chip and special lens
- Better performance due to optional water-cooled (LED) light source
- Clean visuals as a result of encapsulated installation

**Lithoz materials are produced in a Clean Room Environment**

## Digital Mass Production at Industrial Level

Efficiency is all that counts. To ensure a seamless plug-and-play extension of interconnected machine parks, the powerful CeraControl software is perfectly suited to meet the demanding conditions of digital mass production at an industrial level.

Ceramic slurry is dosed to pinpoint precision, keeping material waste and resource usage to an absolute minimum and saving money from the very first print job.



## Commitment to Your ROI

An absolute level of precision makes all the difference when it comes to quality in ceramic manufacturing. The usability, long-term quality and perfect precision of every single component is our commitment - down to the very last detail. Each CeraFab printer showcases this dedication to the highest possible standards of design. Lithography-based ceramic manufacturing is your key technology to unlock the serial production of highly complex ceramic applications previously unachievable with traditional methods. Engineered to the highest safety standards, intuitive to operate, easy to handle and elegant in appearance - the CeraFab System S65 is a reliable and powerful industrial tool which delivers the best possible quality and reassuringly predictable results.

TECHNICAL SPECIFICATIONS	CERAFAB SYSTEM S25	CERAFAB SYSTEM S65	CERAFAB SYSTEM S230
Lateral resolution (µm)	25	40	75
Build volume X x Y x Z (mm)	64 x 40 x 320	102 x 64 x 320	192 x 120 x 320
Slice thickness (µm)	10 – 100	10 – 100	25 – 200
Data format	.stl		
Build speed	Up to 150 layers per hour		
Size L x W x H (m)	1.05 x 0.85 x 1.78 (one production cell incl. a control unit)		
Weight (kg / lbs)	400 / 881		



### Contact us

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Watch the complete printing process on YouTube

