

Serial production of dental restorations

For innovators, by innovators.

Easy to operate:

- Complete integration of exocad and DeskArtes 3Data Expert
- Open for alternative software of choice
- Easy-to-handle operation
- Fully digital workflow with automated print-run documentation

Efficient performance:

- Up to 100 individual restorations in a single print job
- Printing speed 2.4 min per restoration
- First-class surface finish straight from the printer
- Perfect reproducibility with finest details



WATCH VIDEO ON
EASY WORKFLOW OF
LCM SERIAL PRODUCTION



”

“With the launch of IPS e.max Press 18 years ago, Ivoclar set a material standard for dental restorations which to this day has not yet been surpassed. With the LCM 3D printing technology, Lithoz has now reached a new milestone in the customized series production of lithium disilicate, which is characterized by its attention to detail, precise fit and a straightforward workflow.”

JOSEF SCHWEIGER M.SC. | HEAD OF DENTAL LAB | DEPT. OF PROSTHETIC DENTISTRY | UNIVERSITY HOSPITAL LMU MUNICH, GERMANY

”

“I am impressed by the aesthetically pleasing result and the perfect marginal fit of the additively manufactured lithium disilicate crowns that have been printed with Lithoz CeraFab System S65 Medical 3D printer!”

DR. ALEXEY UNKOVSKIY | DENTIST, SPECIALIST IN PROTHODONTICS (DGPRO) | CHARITÉ BERLIN, DEPT. OF PROSTHODONTICS, GERIATRIC DENTISTRY AND CRANIOMANDIBULAR DISORDERS



Lithoz GmbH

Mollardgasse 85a/2/64 – 69 | 1060 Vienna • Austria
Tel: + 43 1 9346612 – 200 | Email: sales@lithoz.com



Contact us

Please find us on our website www.lithoz.com or scan the QR code and contact us directly.

The solutions presented did not yet have FDA clearance at the time of this folder's printing.



2023 © Lithoz GmbH / V 1.1 / 03.2023 / courtesy of Ivoclar

LITHOZ

We are ceramic 3D printing.



3D-Printed Lithium Disilicate Veneers and Crowns

Your Efficient Way to Aesthetics

3D-printed lithium disilicate crowns and veneers

From incisors to molars: unmatched details.



- Exact reproduction of occlusal surfaces with sharp and natural representation of fissures
- 3D-printed lithium disilicate crowns after staining and glazing

Thin veneers printed from lithium disilicate

Thickness of only 0.3 mm

- Up to 100 individual restorations per print run in the same shade
- Toolless production – no wear of expensive milling tools
- No material waste: 8-fold efficiency¹ compared to conventional methods

- Unmatched details
- Serial production of individual veneers with minimal manual effort
- Properties similar to IPS e.max lithium-disilicate

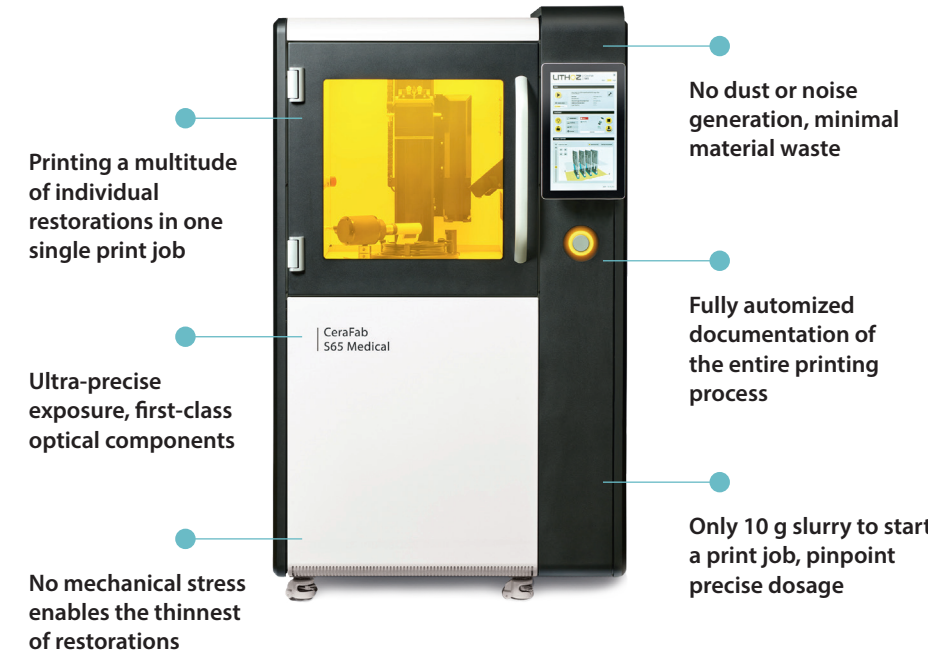
Finishing of restorations by Josef Schweiger M.Sc.
¹ D. Bomze, Comparison of additive manufacturing and subtractive manufacturing for production of dental restorations, Internal Report, Lithoz, 2022.

DR. ALEXEY UNKOVSKIY:
 CASE STUDY ON
 3D-PRINTED VENEERS



Lithoz LCM Technology

Today's industrial standard for dental ceramic 3D printing.



Printing a multitude of individual restorations in one single print job

Ultra-precise exposure, first-class optical components

No mechanical stress enables the thinnest of restorations

No dust or noise generation, minimal material waste

Fully automated documentation of the entire printing process

Only 10 g slurry to start a print job, pinpoint precise dosage



Explore LCM technology.
 For your minimal invasive solution –
 thinner than you have ever imagined.

WATCH
 LCM VIDEO



The roadmap

The future of dental restorations follows a plan.

- Intended for use by dental technicians in the construction of custom-made ceramic restorations, such as crowns and veneers.
- Available in most used A-D shades at planned market start – further colors to be confirmed
- First market launch:
 USA – FDA clearance via 510(k) and ISO 13485 certification of Lithoz



Lithoz material production in clean room environment

MORE INFORMATION ON
 TIMELINES & MARKETS?
 CONTACT OUR TEAM!

