

**CREATING VALUE WITH**  
**CERAMICS ADDITIVE**  
**MANUFACTURING**

Dr. Johannes Homa



# Welcome to Lithoz.

We are ceramic 3D printing.

# Your Trusted Partner in Ceramic 3D Printing **LITHOZ**



## Global market & innovation leader for ceramic 3D printing

We offer a full solution of **3D printers, materials, software, and customized solutions.**



**140+** employees  
**4** locations (Austria, USA and China)

**Quality** management system ISO 9001:2015



**150+** machines worldwide  
**25 %** of customers with **2** or more machines

# We Pioneered Ceramic 3D Mass Production

N.1 Customer:  
25 Printers Soon in Operation



24 / 7 Production Run

2M+ Parts / Year

**WE ARE**  
**CERAMIC 3D PRINTING.**

LCM = The  
Industrial Standard in  
Ceramic 3D Printing

***„3D printing is not about replacing well established processes – it’s about creating added value and new possibilities.“***

**- Dr. Martin Schwentenwein, CSO Lithoz -**

# Industrial Applications

## Casting Cores

Silica-based



Aviation

## Heat Exchanger

Aluminium nitride



Semiconductor

## Socket Filter

Alumina



Chemical

## Bioresorbable Bone Replacement

Hydroxy apatite



Medical

## Dental Veneers and Crowns

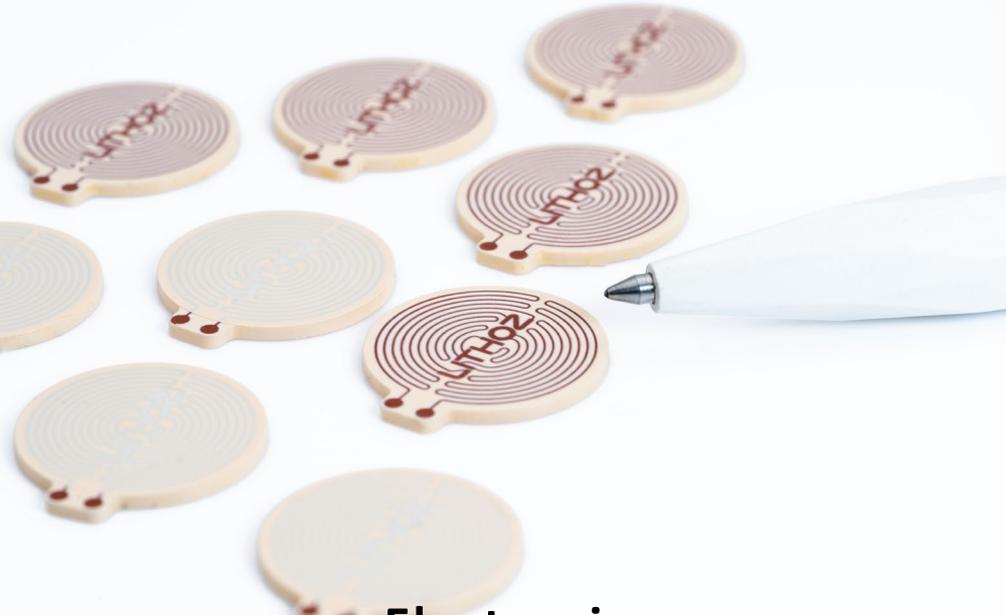
Lithium disilicate



Dental

## Low Temperature Co-Fired Ceramics

Pure copper & glass ceramics



Electronics

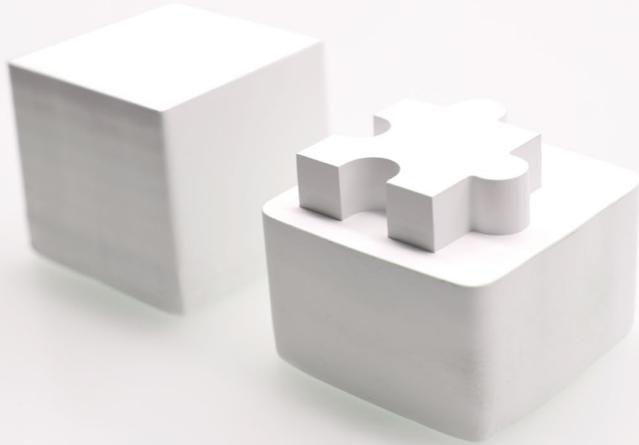
## 2K Gyroid

Alumina & green colored alumina



Energy

Laser-induced slipcasting / LIS  
Big parts, thick walls, full density



Layer-wise Slurry Deposition / LSD  
Alumina & green colored alumina



Any challenge. One source.

The logo for LITHOZ, featuring the word "LITHOZ" in a bold, black, sans-serif font. The letter "O" is highlighted in yellow. A registered trademark symbol (®) is located to the upper right of the "Z".

LITHOZ®

***„All answers to our urgent questions of today, from sustainability to climate change, will somehow contain a 3D-printed ceramic as part of the solution.“***

*- Dr. Johannes Benedikt, CTO at Lithoz -*