

# Coming soon 2025

FotoDent® TryIn / Phrozen Sonic LS+ / PCU vario 40



## FotoDent® TryIn 385 nm/405 nm



A light-curing resin designed for dental denture bases, ideal for functional try-ins before final denture insertion. It allows for precise assessment of function, fit, occlusion, phonetics, and esthetics in the patient's mouth. The printed result stands out with its natural translucency.

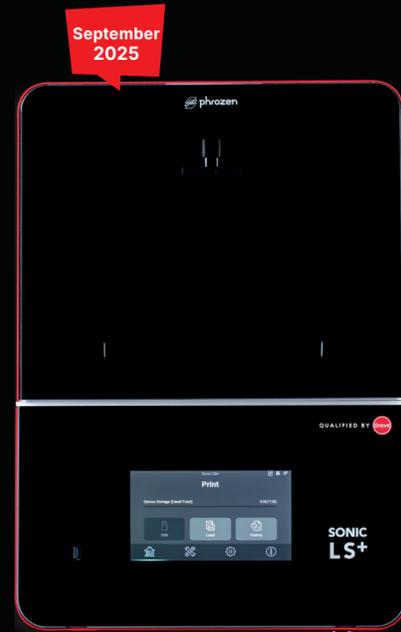
Available in the USA and Canada.

## Phrozen Sonic LS+

The Phrozen LS+ sets new standards for laboratory use. With its 385 nm LED light source and a large building platform of 209x133 mm², all dental applications can be produced with precision and high speed. The high-quality full-metal housing, elegant glass fronts, and an illuminated build chamber with a camera ensure a comfortable and user-friendly experience at all times.

## PCU vario 40

The PCU vario 40 is Dreve's new high-end post-curing unit. The use of three wavelengths and high light intensity ensures fast and biocompatible post-curing processes. Thanks to the nitrogen atmosphere, even light distribution in the chamber, and the ability to connect up to three curing chambers to a single control unit, processes run efficiently – all while requiring minimal space.



# For everyone who simply wants to print: The digital process "Qualified by Dreve"



## Slicer Conversion into a printable file

The STL file is seamlessly converted into a printer-ready format using our proprietary slicing software, "Elements". The upload process to the printer is direct and straightforward.



## Print profiles The material "fact sheet"

The print profile includes all essential parameters, such as exposure times, required for processing a resin on a specific printer model. Each profile has been meticulously developed and precisely calibrated by the company's in-house process technology. Multiple profiles are available for each material, ensuring optimal performance for various applications.



## Materials FotoDent®

The FotoDent® product-world offers a wide range of customized 3D printing resins for every dental need.



## Printer Phrozen Sonic CS+

The devices calibrated in Unna with precisely defined factory settings implement all adjustments optimally. The stainless-steel building platform enables high print volumes while keeping acquisition and maintenance costs low.



## Cleaning FotoWash

The washing unit effectively removes excess resin that adheres to the components after printing.



## Post-curing PCU vario 160

Crucial for a perfect result: a powerful light-curing device! For a validated process, the components must be post-cured after cleaning to achieve their final material properties.

**DreveCONNECT – Already registered?**  
Inspiration & exchange – Your community for 3D-printing! [www.connect.dreve.de](http://www.connect.dreve.de)



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# You print it

## 3D HOT NEWS – IDS 2025



Dreve's solution for everyone who simply wants to print:  
Our digital workflow provides a regulatory-compliant process, from data preparation to the finished component for your application.

[phrozen.dreve.de](http://phrozen.dreve.de)



# Materials

FotoDent®



## FotoDent® tray2 385 nm/405 nm



Optimized, biocompatible resin for the fabrication of individual dental impression trays. High reactivity with low viscosity. Simplified cleaning and improved mechanical properties. Twice as fast printing times, layer thicknesses of 300 µm possible. The resulting impression trays exhibit a homogeneous surface, minimizing the need for manual post-processing.



## FotoDent® model3 385 nm/405 nm



FotoDent® model3 is the latest version of the dental model range. It can be processed on all common DLP and LCD printing systems. The printed dental application can be easily cleaned with water after production and impresses with high dimensional precision. Available in gray and beige-opaque.



## FotoDent® biobased model 385 nm/405 nm



Light-curing model resin that is made of 50 percent renewable raw materials. The material properties are naturally optimally aligned for model production (including in the aligner workflow). FotoDent® biobased model can be cleaned with FotoClean.



## FotoDent® guide 385 nm or 405 nm

Light-curing resin for the fabrication of dental drilling splints. Splints made from FotoDent® guide are dimensionally stable and biocompatible. Available in colorless-transparent (385 nm) and blue-transparent (405 nm).



## FotoDent® denture 385 nm/405 nm

Light-curing resin for the production of denture bases. The use of the resin ensures accurate results with maximum dimensional stability. FotoDent® denture is free of MMA and color-stable.



## FotoDent® insulant

Separator for 3D-printed resin models used with autopolymerizing materials. Provides optimal insulation for the spraying process in orthodontics or for the fabrication of prostheses including those made from Castdon.

# Printer

Phrozen Sonic CS+ – Qualified by Dreve



## Phrozen Sonic CS+

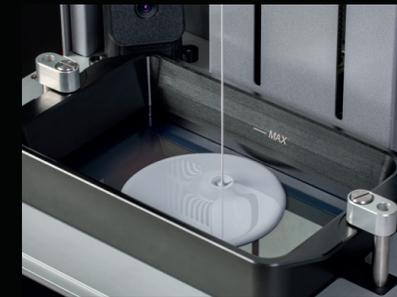
Phrozen Sonic CS+ – Qualified by Dreve Compact LCD desktop printer with 22 µm resolution and an innovative 385 nm LED light source, delivering high light intensity for fast build times. The high-quality full-metal housing and improved vat and platform handling make the Phrozen Sonic CS+ a user-friendly 3D printer for all dental applications.

### Qualified by Dreve

- + Building platform with optimal adhesive properties
- + Customized software with precisely set printing profiles
- + Comprehensive service and support from our experts
- + Dreve ElementS Slicer and optimized printing profiles for top results

### Features

- + Building volume standard: 74 × 168 × 185 mm<sup>3</sup>  
Building volume Mini: 75 × 75 × 185 mm<sup>3</sup>
- + Easy replacement of components such as the clear bottom foil
- + 22 µm Print accuracy
- + High light intensity for short building times
- + W-LAN, LAN- and USB connectivity
- + Web-based control and monitoring
- + Touch screen, intuitive software
- + Low maintenance
- + Technical Support by Dreve
- + Inclusive: Building platform, Vats, USB-Stick, spatula, funnel, and Slicing Software Dreve ElementS



# Cleaning / Post-curing

FotoWash / PCU vario 160

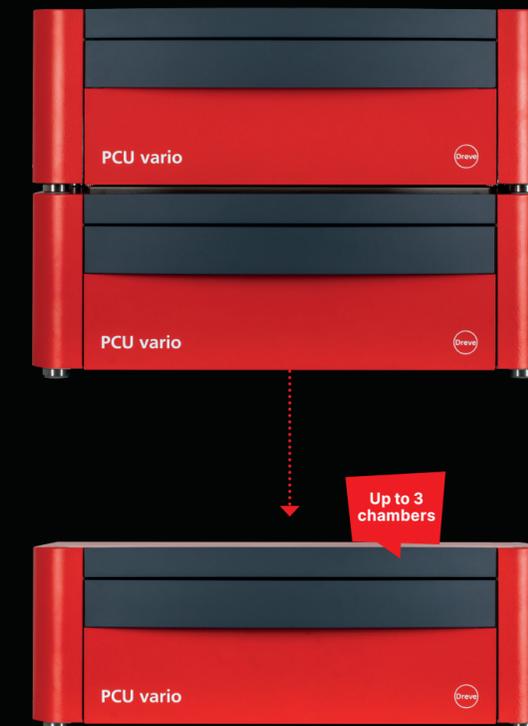


## FotoWash – Qualified by Dreve

Cleaning unit for 3D printed parts after the print process. Device with magnetic stir technology and automatic transfer between the two cleaning containers. Various cleaning programs can be selected and set via touchscreen. The platform of the Sonic CS+ can be directly hooked into the device and cleaned together with the attached parts.

### Features

- + Coordinated cleaning profiles for all FotoDent® materials
- + Optimal add-on for the Sonic CS+
- + Automatic transfer between pre-cleaning and post-cleaning
- + Technical Support by Dreve



## PCU vario 160

Laboratory device based on LED technology for curing 3D printed parts. Ensures mechanical properties and biocompatibility through effective depth curing. The PCU vario 160 offers both, the option of a vacuum atmosphere and the possibility of curing under nitrogen. Biocompatible curing without an inhibition layer can be ensured.

### Features

- + Modular design with up to 3 post-curing modules and only one operating module
- + Open system with 30 freely programmable memory spaces
- + Logging and monitoring of process parameters
- + Nitrogen- and vacuum atmosphere possible