

CEREC SW 5.1.0

UPGRADE DESCRIPTION FOR PREVIOUS GENERATION CEREC AC WITH OMNICAM

CEREC SW 5.1 enables long-term CEREC AC with Omnicam customers to upgrade to the new and more powerful software.

News and changes with CEREC SW 5.1.0 (compared to CEREC SW 4.6.1):

- New, modern look & feel: clear and visual appealing
- Improved scan accuracy with Omnicam (see also study: *Ender et al, Accuracy of complete- and partial-arch impressions of actual intraoral scanning systems in-vitro, Int J Comput Dent 2019; 22(1); 11- 19*)
- Automatic artifact removal during acquisition: no further cutting necessary
- Take a double buccal bite
- Improved calculation time
- Improved textures, HDR mode not necessary
- Artificial intelligence: Fast 5-clicks-concept by automatically calculated proposals of:
 - Model axis
 - Preparation margin
 - Restoration design
 - Insertion axis
 - Scan body position

Algorithms are developed by training artificial intelligence with real cases. Algorithm improvements with every new SW update.

- Easy editing of proposals: refine with tools, remove proposals to set preparation margin / scan body position on your own or recalculate to get a first proposal.
- STL Export inside: no further license required
- SSI Export inside: no additional license required
- Seat position: choose the direction how the live image is displayed during scanning
- Material-depending parameters only in local restoration parameter settings
- Implantology workflow – Implant position, prosthetic planning, guide in one workflow
- Case export with or without image catalogues: faster export possible
- Sound notification after finished manufacturing.

- Triggers Firmware update for connected Speedfire. New: Automatic cleanup of job history; Connection to inLab CAM 19.
- Integration of new TiBases & materials:

Manufacturer	Material
DS	Ti Base: AstraTech OsseoSpeed TX AT TX 3.0 S; AT TX 3.5/4.0 L; AT TX 4.5/5.0 L (not for US/not for Japan)
DS	Ti Base: XiVe XiVE 3.0 S; XiVE 3.4 S; XiVE 3.8 S; XiVE 4.5 L; XiVE 5.5 L (not for US/not for Japan)
GC	Initial LiSi Block new for US
SHOFU	BLOCK HC HARD new for Europe

Please observe regional restrictions regarding TiBase and materials.
Refer to document CEREC 5.1 TiBase-Material-Compatibility_EN.pdf on my.cerec.com.

Requirements to install CEREC SW 5.1

- In order to benefit from the software generation 5 a hardware performance upgrade is mandatory. Depending on the hardware generation different performance upgrades are available. Which performance upgrade is needed can be figured out by using the tool “Upgrade Adviser”, which is downloadable on my.cerec.com. For more information please contact your dealer.
- CEREC SW 5.1 can be downloaded from my.cerec.com. CEREC SW 5.1 is a full version and does not need any preinstalled CEREC SW versions.
- CEREC SW 5.1 requires the CEREC version license: CEREC 5.1.
- For installation please unpack the downloaded CEREC SW 5.1 files and copy the CEREC SW 5.1 folder on your acquisition center. To start the installation, double-click the Setup.exe and follow the installation setup.