

# DWOS® Chairside



## Facilitating better outcomes for patients

The benefits of chairside solutions for your patients are significant. Eliminating the need for impression-taking removes a source of discomfort for the patient, and the restoration could be ready in one appointment with no follow-up visit required.

The restoration software reduces the potential for error and is user-friendly, so you and other members of your team can control each aspect of the design.

## The complete in-office solution

Using the latest innovative technology within an optimized user interface, the special design tools of DWOS Chairside facilitate the design of highly-esthetic restorations, including inlays, onlays, full contour crowns, and veneers, as well as other indications such as implant abutments - and all in a few minutes.

The stand-alone, open design software can also be combined with an intraoral scanner or impression scanner plus milling machine, to create a complete in-office solution.



### SCAN

Eliminate the unpleasant tray impression process for your patient with the small hand-held scanner handpiece.



### DESIGN

Quickly design an accurate restoration proposal with the user-friendly interface.



### MILL

Produce predictable precision using a variety of indications, restorative options, and materials.



### Seamless integration between products

- ▶ Direct integration from Virtuo VIVO Intraoral Scanner to DWOS Chairside.
- ▶ Exchange of case details between DWOS Chairside and Virtuo VIVO Intraoral Scanner: scan data, materials, shade, and implant.



### Material-driven and ease of in-office production

- ▶ STL output for any open, in-office mill.
- ▶ Customizable material parameters specified by the dentist are respected to ensure quality restorations, while the minimum thickness is safeguarded during design.



### Supporting a wide range of indications

- ▶ Crowns, inlays, onlays and veneers
- ▶ Short-span bridges
- ▶ Implant-borne crowns



### Open system

- ▶ Allows for input and output of STL for third-party systems support.



Direct full-case transfer from the Virtuo VIVO Intraoral Scanner to the Chairside software.



# Clinical definition

## Order revision

Review and edit scans from the Virtuo VIVO Intraoral Scanner, iSeries impression scanner and other open intraoral devices. Optimize surfaces to obtain the optimal workflow.

## Assignment

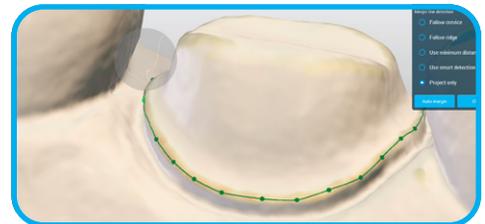
Quickly assign the preparation of the cases to detect any implants and fill technical data required by tooth-chain technology.

## Margin

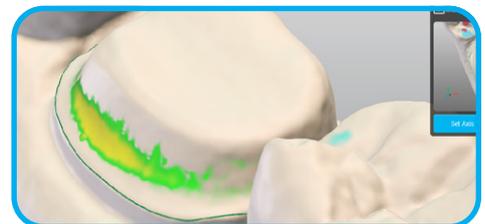
Automatic margin proposal on all elements type. Easily modify the margin and insertion access to obtain the best fit possible.



Verify alignment result.



Clip profile and highlight of the margin.



Automatic insertion that gives lowest undercut possible is based on the analysis of the case.

# Design & nesting

## Automated proposals

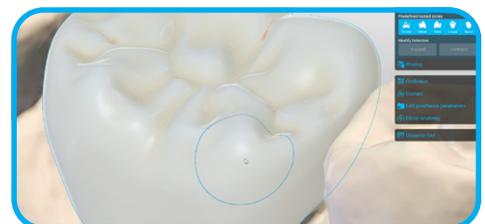
Advanced tooth-chain technology computes the shape of the proposed restoration including anatomy, cusps, marginal ridges, and emergence profile, by analyzing and mimicking the anatomical features of the adjacent teeth. Occlusion is automatically computed from the antagonist teeth.

## Nesting & machining

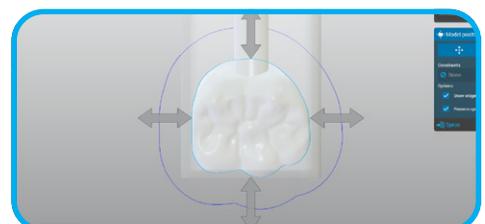
Simple and intuitive restoration block nesting for fast in-office milling preparation.

## Milling

Depending on the machine output, select parameters and any connection possible and finish the workflow.



Morphological area deformation.



Optimize blank position.

A complete in-house workflow that allows for more time for communication and patient care.

## Integration with milling machines

Closing the loop for a complete and streamlined chairside workflow, from scan to design to mill, the Dental Wings Chairside CAD/CAM software solution offers intuitive **CAM computation**. This means that no other intermediate interface is required before milling of the restorations.

The software accepts impression data from other open intraoral scanners in STL, OBJ or PLY formats. Milling output data is compatible with the most popular open chairside milling machines.

Impression data from the Virtuo VIVO Intraoral Scanner is seamlessly transmitted to your in-office system for immediate prosthetic design and milling.





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29-0306

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