ARUM DENTISTRY

The Perfect CAM Software

ApexMill

The Fast Feedback

We respond promptly and efficiently to user feedback.
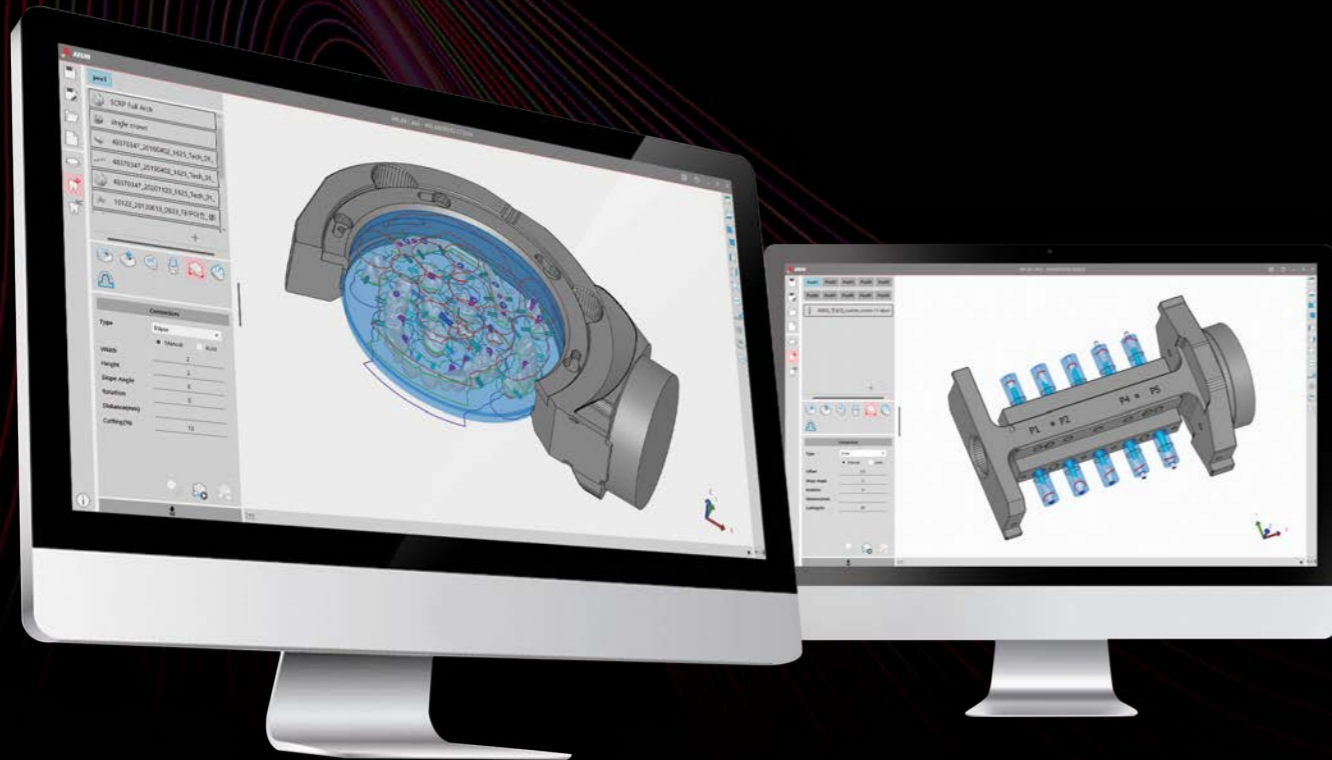
The Accurate Library

We offer approximately 440 implant libraries, enabling more accurate and precise work.
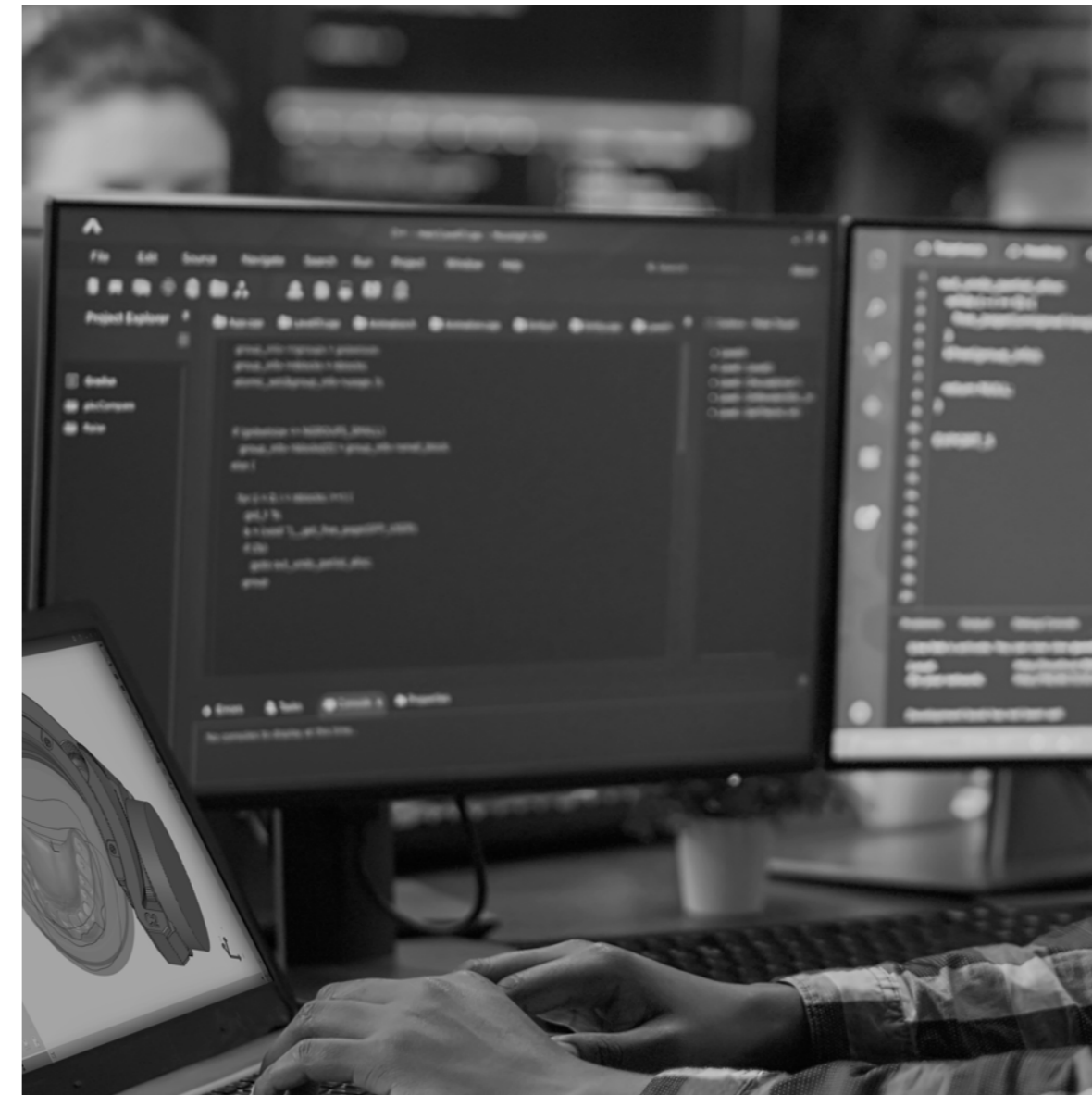
The Easy to Use

We offer an easy-to-use UI/UX environment, making it simple for anyone to use.

The Free OEM Customizing

Users can customize UI according to the equipment they handle.

The most user friendly CAM, ApexMill

[Our History]

CAM has been a valuable tool for Digital Technicians to streamline their work.
However, there has been a persistent issue where users' feedback and suggestions were not immediately incorporated in software updates, and compatibility issues with different milling machines limited the full use of CAM's features.

To address these issues, ARUM DENTISTRY Co., Ltd conducted extensive research and development, leading to the creation of ApexMill. ApexMill, developed by ARUM DENTISTRY, actively incorporates user feedback through quicker response and version upgrades. The functions of ApexMill are optimized for compatibility with milling machines from various manufacturers.

ApexMill has been created through ARUM DENTISTRY Co., Ltd's tireless efforts, vast expertise, and consideration of the needs of its users.

With ApexMill, Digital Technicians can now experience a faster, easier, and more precise workflow.

The Perfect CAM, ApexMill

ApexMill is software in which all the machining know-hows of ARUM DENTISTRY are integrated. It is, above all, optimized for ARUM Milling Machine, and guarantees excellent machining quality. It provides a UI/UX environment that is easy for everyone to understand and all the core functions necessary for dental part machining. Now you can experience the most practical and most powerful CAM Design developed by ARUM DENTISTRY.
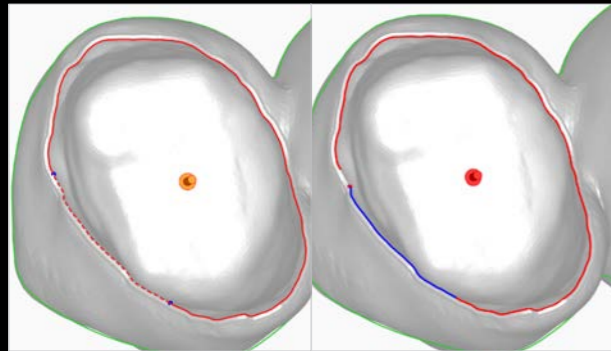

Curve correction / Convenient margin line editing

Users can easily correct the created curves and edit points with just a double-click. They can also delete a section of the curve and recreate it if necessary.
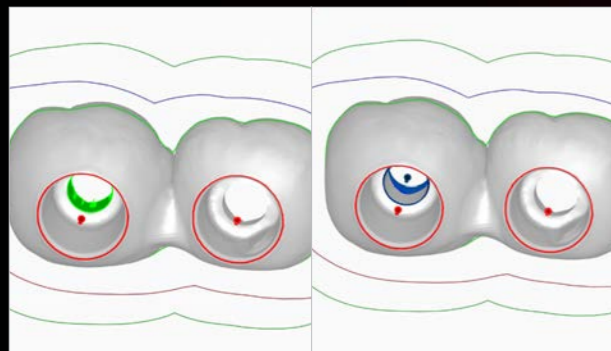

One-Click Hole recognition / Manual Editing

The software automatically recognizes the standard hole design through shape analysis. In case of a hole with an uneven surface, it creates the hole with just three clicks, and manual adjustments can be made for the hole's diameter, direction, and length.
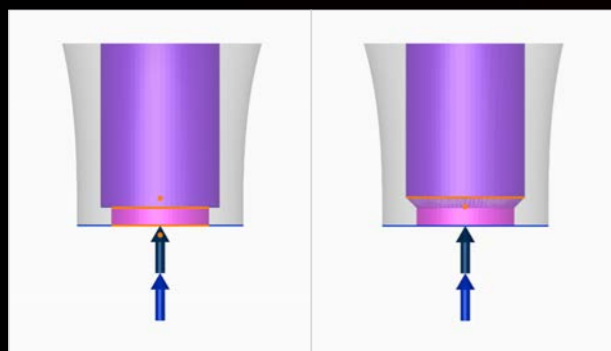

One-Click Screw channel creation / Classification

With a automatic One-click, the software creates a screw channel and classifies the shape of the screw seating area into either End or Taper, allowing for processing with the appropriate tool for the specific shape. (End=Flat Tool, Taper=Bullnose Tool)
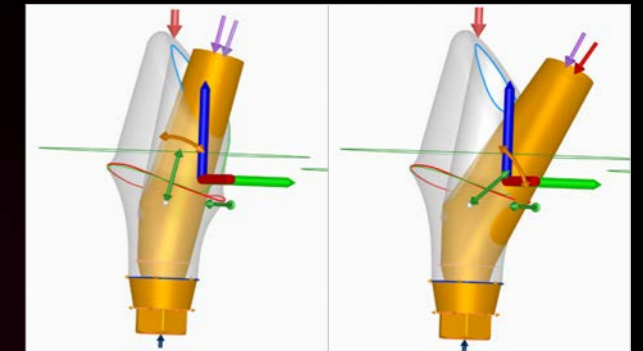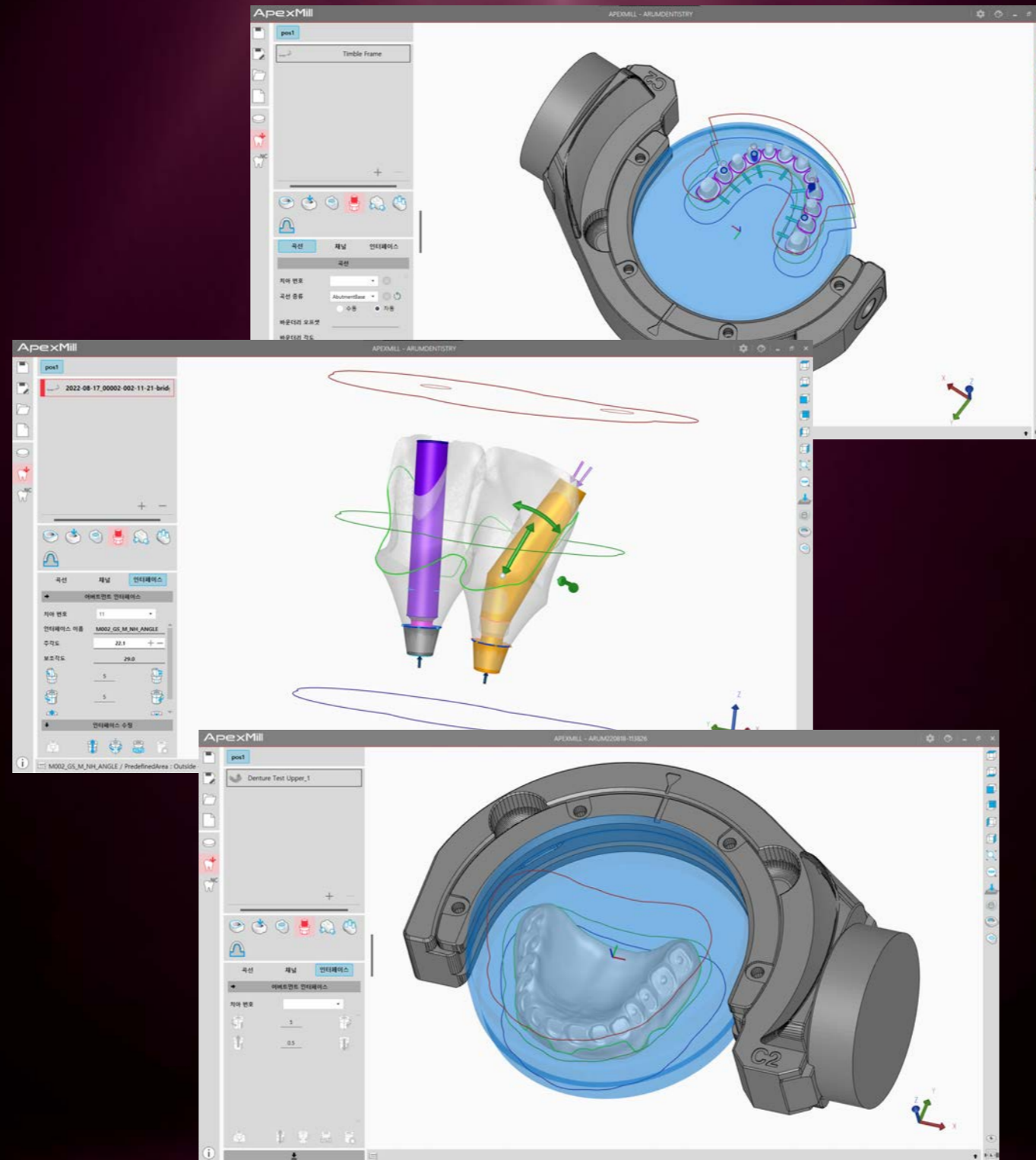
Angled screw channel interface processing

It enables straight or angled interface processing.
For straight interface processing, users can customize the size by adjusting the diameter and height of the channel. Meanwhile, for angled interface processing, users can adjust the tilt angle and rotation direction to achieve the desired direction.
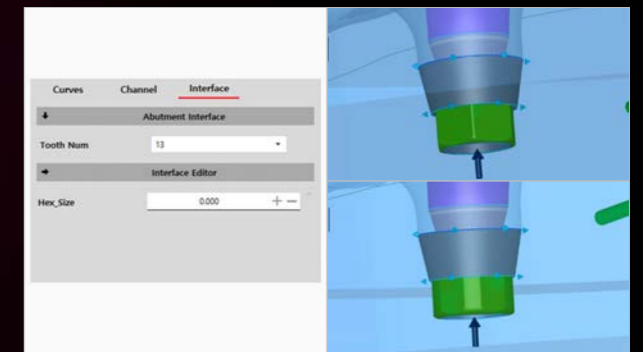
Interface offset change

This feature also allows users to change the size of Hexa and Top screw channel. After processing, users can assess the interface fit and make any necessary adjustments to the size, process, and save to meet their standards. All stored interface data will be automatically applied when using the program in the future.
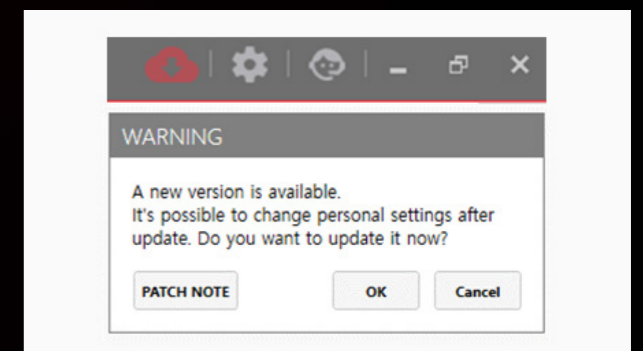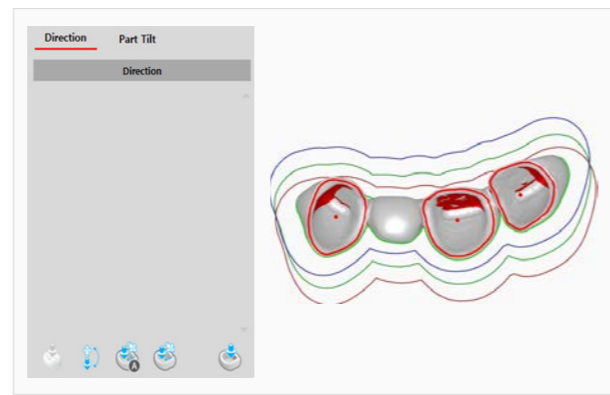
Online Update

If the program is connected to the internet and can be updated, users can perform updates on their own.
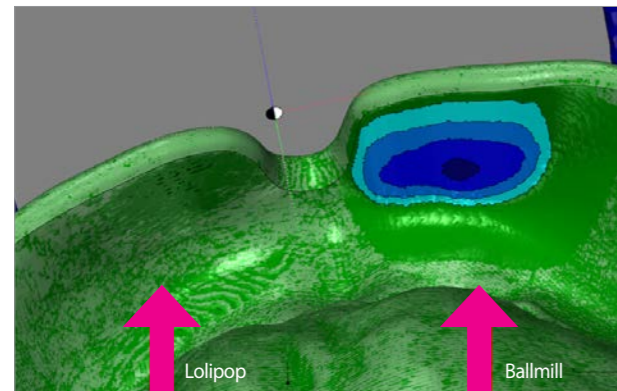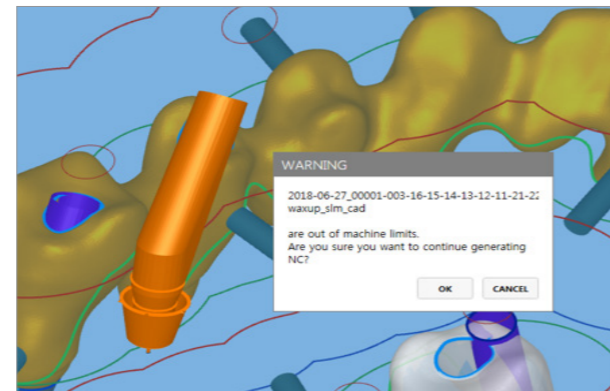
The Complete CAM, ApexMill

ApexMill's Functions

Designate Dry/Wet when creating a project

Automatically minimize undercut

Process using exclusive denture tools
- Lolipop
- Ballmill

Convenience functions related to NC

Function		Description
Set-up	Check Project Open Part	For the part added to the project, users can review and make adjustments at any point, even after altering or removing the path.
	Designate Dry/Wet when creating a project	Users can choose between Dry or Wet type when creating a project, or switch between the two before creating an NC file.
	Real-time change scale factor	Users can adjust real-time the scale factor if no parts in the project are locked.
	Select Milling template by default	It is a convenient feature that enables users to use their preferred Milling template continuously by specifying a default value.
	Set screen theme(Light & Dark)	Users can choose from light mode, dark mode, or custom mode themes for the screen.
Setting	Automatically minimize undercut	Users can automatically adjust the margin in the insertion direction to minimize undercut by adjusting the inner direction to the minimum.
	Provide various sinter frames	Users can create different sinter frames and automatically set the connector cut between the part and the sinter frame to 0%.
	Correct fixture position values	Users can effortlessly adjust the coordinates of Premill in the settings window.
	Automatically attach interface	Users can automatically attach the interface created in the information file when adding a part. If the interface is not automatically attached, users can attach it manually using a group button that is not in the information file.
	Display custom area names	Users can display texts relevant to the situation when setting a custom area number.
	Display warnings when creating connector	Users can be alerted with a red warning when a connector is created at the margin curve location.
Processing	Rough processing for drill	During rough grinding, users can maximize the use of the drill tool length by leaving a pillar for drilling holes and creating screw channels while processing.
	Process using exclusive denture tools	Users can reduce the time in rough grinding by using a 4.5mm tool and optimize undercutting using a lollipop tool.
Printing	Save the simulation list	Users can save a list of simulations for which NC creation has been completed.
	Convenience functions	Users can divide and print NC files into multiple parts using a single strategy. Users can configure a warning pop-up display to appear when the direction exceeds the machine limit. In the created NC file, users can print out NC again after selecting the desired process.

ApexMill Line-up

Line-up		Premium 5X	ASC Edition	Basic 5X	Basic 4X
Function	Axis	5 Asix	5 Asix	5 Asix	4 Asix
	Nesting	●	●	●	●
	Simulation	●	●	●	●
	ASC	●	●	●	-
	Interface Library	●	●	-	-
	Multi Start	●	-	-	-
Support	Crown & Coping	●	-	●	●
	Inlay, Onlay	●	-	●	●
	SCRP Crown, Hybrid	●	-	●	●
	Abutment	●	●	●	●
	Barbridge	●	●	●	●
	Bitesplint	●	-	●	●
	Denture	●	-	●	●
	Partial	●	-	●	●
	Surgical Guide	●	-	●	●

* Nesting : This feature allows users to arrange parts by rotating, moving, tilting, etc.
* Simulation : A simulation function to preview the outcome of NC creation.
* ASC : Angled Screw Channel.
* Interface Library : A library function to attach an interface to the abutment.
* Multi Start : This is a function that enables users to run multiple programs simultaneously.

Computer Recommended Specifications

Function	Recommended Specifications	*Minimum Specifications
Operating System	Windows 10 x 64	Windows 7 x 64
CPU	Intel i7, i9 3.6 GHz	Intel i7 1.3 GHz
Graphics Card (VRAM)	Nvidia (6GB)	128 MB
RAM	32 GB	8 GB
HDD	1 TB	250 GB

* Program operation is possible, but there may be limitations if some high-performance features are required.

Discover a faster, easier, and more precise approach to your work with ApexMill.

ApexMill