

# High-Precision 5-Axis Milling Machine Optimized for Modelless Prosthetics

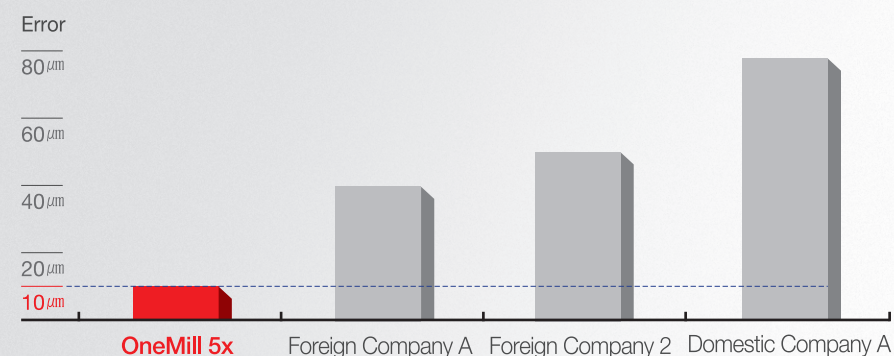
# OneMill 5x

- Simultaneous 5-axis dry disc type milling machine from single to full arch cases
- $\pm 5\mu\text{m}$  processing/repetition accuracy enables creating stable modelless prosthetics
- 3-way air blow system easily eliminates dusts inside both prostheses and equipment.
- Front LED Display checks the progress of prosthesis fabrication in real-time

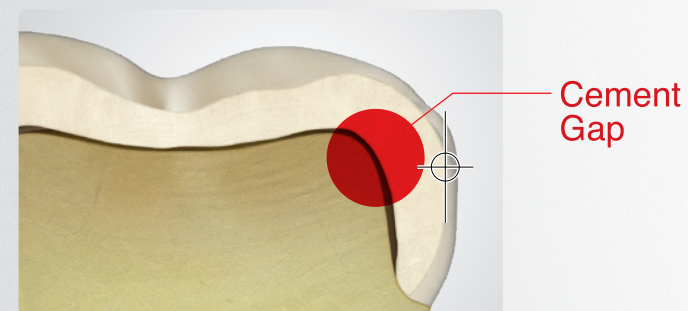
## $\pm 5\mu\text{m}$ Processing/Repetition Accuracy Enables Creating Stable Modelless Prosthetics

- Highly precise German spindle
- Servo motor
- Special manufacturing process through laser measurement

### · Comparison of dimensional error on inner surface of crown



### · $\pm 5\mu\text{m}$ Processing/Repetition Accuracy

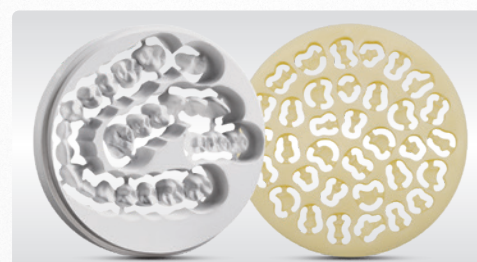


## Simultaneous 5-Axis Dry Disc Type Milling Machine from Single to Full Arch Cases

- Indications: Crown & Bridge (Full arch), Inlay, Onlay, Veneer
- Materials: Zirconia, PMMA, Hybrid Ceramic, Wax



Combination type implant full arch



Zirconia crown Hybrid ceramic inlay

## 3-Way Air Blow System Easily Eliminates Dusts Inside Both Prostheses and Equipment.

- 4 air blows on the front part of the spindle remove residual dust inside the crown
- The 2 additional air blows clean the machine interior automatically



Inner Crown Before Dust Removal



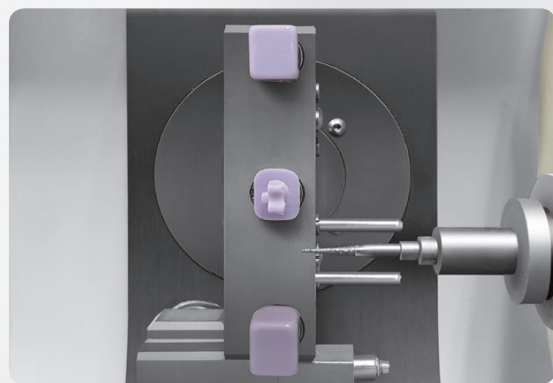
Inner Crown After Dust Removal



# OneMill 4x

## 4-Axis Wet Block Type Milling Machine Optimized for Manufacturing 2 or Less Inlays, Veneers and Crowns

- 20 minute processing for Zr Crown, 30 minute processing for Ceramic Inlay
- Indications: Crown & Bridge, Inlay, Onlay, Veneer
- Materials: Glass ceramic, Zirconia, PMMA, Hybrid ceramic, Wax (block type only)



Simultaneous Processing of Up to 3 Blocks



Zirconia



Hybrid ceramic

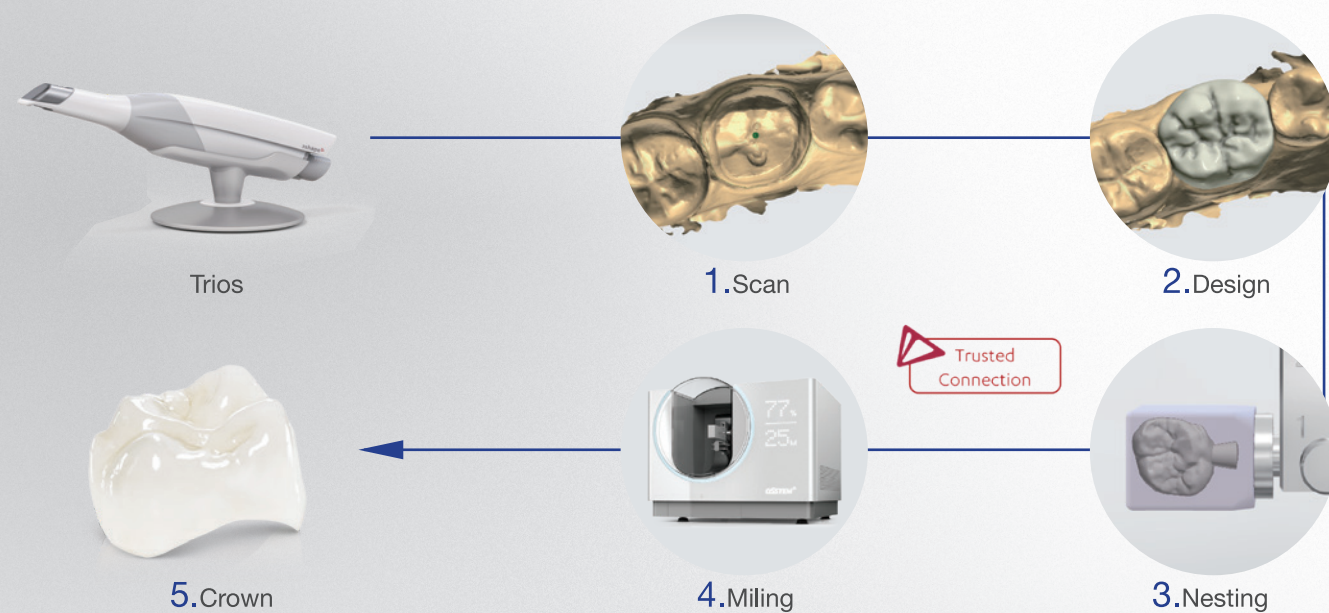


Glass ceramic



## Seamless and Convenient Use by Interlocking with 3Shape TRIOS - CAD SW (Design Studio)

Only domestically manufactured milling machine to interlock with 3Shape TRIOS-CAD SW and Trusted Connection (to be completed in 2020)



• From Ceramic Onlay to 2unit Zirconia crown, simple prosthesis is completed in the dental clinic.

• Hybrid Ceramic Inlay can be produced most effectively. Full arch Zirconia can be produced without limitations



	OneMill 4x	OneMill 5x
Axis	4-Axis	5-Axis
Processing Type	Wet	Dry
Material Type	Block	Disk
Indications	Inlay, Veneer, Onlay Crown, Bridge 2 units or less	Inlay, Onlay Crown, Bridge (Full arch) Implant combination type
Material	Glass ceramic, Hybrid ceramic Zirconia, PMMA	Zirconia, Hybrid ceramic PMMA, Wax
Dimensions	W:540 x D:460 x H:415	W:540 x D:580 x H:515