

Make your own esthetic zirconia crowns

Digital Crown Solution

- Increased daily efficiency for making prosthetics
- Reduced production time for zirconia crowns improves patient scheduling
- Letting you determine the quality of your crowns

4 critical layers: R2iCE zirconia block



- Pre-formed layers provide gradation effect without separate coloring, making it easy to achieve the desired shade
- Mill multiple crowns with different shades from one block
- Use CAM software to fine-tune top, middle, & bottom shades

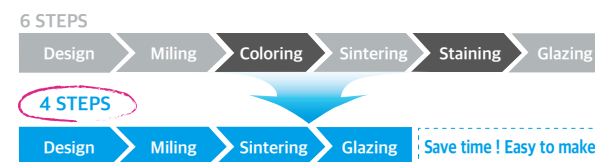


Made by Dr. Beom-Jin Choi

Made by Mr. Young Kyu Park

Coloring & stain work DOWN! Time efficiency UP!

- Determine correct shade within 1 min (single unit)
- Produce your own superior prosthetics in less time



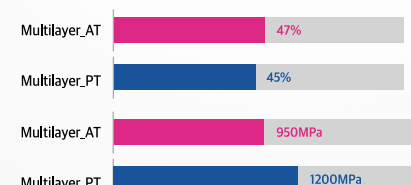
* Natural gradation from cervical to incisal/occlusal

VITA classical shade guide

- 4 gradations similar to natural teeth + 16 shade line-up from A1 to D4

Good light transmittance & excellent strength

- Esthetic anterior zirconia prosthetics with good light transmittance & excellent color tones
- 1100~1300mpa for posterior, where strength is important (850~1150mpa for anterior)
- No problem with warping in case of 5-unit bridge



R2iCE_AT R2iCE_AT Multilayer Block for anterior teeth

With flexural strength of 950Mpa, this highly transparent multi-layer zirconia block is ideal for making esthetic anterior prosthetics with good light transmittance & rich color tones

Height (mm)	12/14/16/ 18/ 20/ 22/ 25/ 30
Shade	Bleached / A1/ A2/ A3/ A3.5/ A4/ B1/ B2/ B3 B4/ C1/ C2/ C3/ C4/ D2/ D3/ D4

CEREC Only

Product	Transparency	Flexural Strength	Shade	Size (LxWxHmm)	Indication
C800ML	48%	800Mpa	A2, A3	55 x 19 x 15.5	Max 3 unit



R2iCE_PT Multilayer Block for posterior teeth

With flexural strength of 1200Mpa, this high-strength, highly transparent multi-layer zirconia block is ideal for making long-lasting posterior prosthetics with superior strength & good light transmittance

Height (mm)	12/14/16/ 18/ 20/ 22/ 25/ 30
Shade	Bleached / A1/ A2/ A3/ A3.5/ A4/ B1/ B2/ B3 B4/ C1/ C2/ C3/ C4/ D2/ D3/ D4

CEREC Only

Product	Transparency	Flexural Strength	Shade	Size (LxWxHmm)	Indication
C1100ML	45%	1100Mpa	A2, A3 A2	55 x 19 x 15.5 65 x 25 x 22	Max 3 unit Max 5 unit

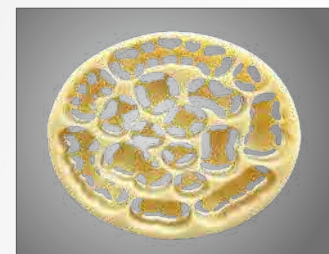
X5

- More accurate prosthetic CAD/CAM with minimal investment
- Compact size for easy installation
- 5-axis low-noise milling



1. Zirconia

- Production time: 20min / crown



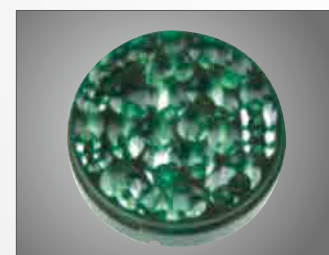
2. PMMA

- Production time: 20min / crown



3. Hybrid Ceramic

- Production time: 15min / inlay

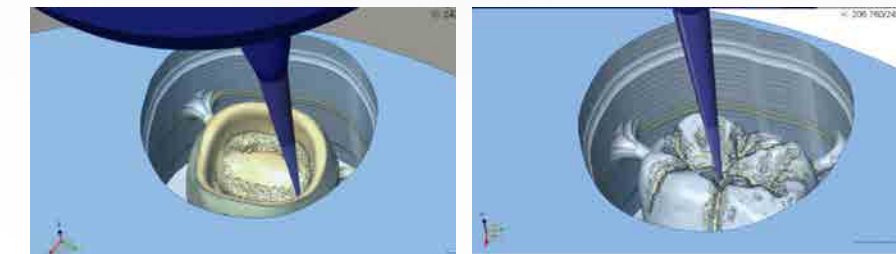


4. Wax

- Production time: 10min / crown



Produce more accurate prostheses



- Improved reproducibility due to final processing with Ø0.3mm tool (rival machines stop at Ø0.6mm)
- Inner corner machining in case of severe undercut
- Improved occlusal micro-area milling

Easy design functions & program operation

- Free installation, free training, NO annual fee

Simple auto-calibration with just one click!



Specification

Axis / Type	5 Axis / Wet
Spindle / RPM	500w / 50,000
Tool Pocket	9ea
Size	W: 392 / D: 549 / H: 575 (mm)
Weight	36kg
Material	Zirconia, Hybrid Ceramic, PMMA, Wax

“ Upgrade to a digital prosthetic dental clinic & maximize the efficiency of your dental technology with only minimal investment ”

Additional options

- 1) Instead of zirconia, use a PMMA block to create an anterior 4-unit bridge
- 2) Use a hybrid ceramic block to create a One-Day inlay/onlay based on an intra-oral scan

MegaGen Digital Crown Workflow

Intra-oral scan

Design 30min



X5

Milling 15min



R2iCE

Coloring 1min/Post crown treatment



Final crown



Zirconia custom