

KATANA™ Zirconia

New Sintering Program introduction
“54-minute Sintering” is now possible for 3-unit Bridge.



*Corresponding to 54-minute sintering are STML and UTML. The material is removed from the furnace at 800°C
 *“KATANA™ Zirconia” LT may not be launched according to country.

Proven Science and Artistry Lead to Quality

Kuraray Noritake Dental enables the unique in-house production of raw materials. In contrast to our competitors, who source their raw materials externally (well known: Tosoh Cooperation), **Kuraray Noritake Dental distinguishes itself by its unique in-house production of zirconia raw materials.** Many years of expertise in manufacturing the company's own powder have brought the material quality of KATANA™ to completely new dimensions, not only by controlling the degree of purity and particle sizes, but also by creating an optimal balance of binders, color pigments, stabilizers and other ingredients.

“We control every detail.”



“KATANA™ Zirconia” STML NW with “CERABIEN™ ZR” FC Paste Stain

Sergio R. Arias DDS, MS Sung Bin Im, MDC, CDT

New Sintering Schedule

Possible be sintered on just as usual KATANA™ sintering program schedule.

UTML

STML

54-minute (up to 3-unit bridge)

Stage	Heat Rate °C/min (°F/min)	Hold Temp °C (°F)	Hold Time (min)
1	120 (216)	1450 (2642)	0
2	10 (18)	1600 (2912)	20
3	-120 (-216)	800 (1472)	0

90-minute (up to 3-unit bridge)

Stage	Heat Rate °C/min (°F/min)	Hold Temp °C (°F)	Hold Time (min)
1	50 (90)	1400 (2552)	0
2	4 (7)	1500 (2732)	0
3	10 (18)	1560 (2840)	16
4	-50 (-90)	800 (1472)	0

7-hour (up to 3-unit bridge)

Stage	Heat Rate °C/min (°F/min)	Hold Temp °C (°F)	Hold Time (min)
1	10 (18)	1550 (2822)	120
2	-10 (-18)	100 (180)	0

HTML

HT

LT

90-minute (up to 3-unit bridge)

Stage	Heat Rate °C/min (°F/min)	Hold Temp °C (°F)	Hold Time (min)
1	35 (63)	1515 (2759)	30
2	-45 (-81)	800 (1472)	0

7-hour (For 4-unit bridge or more)

Stage	Heat Rate °C/min (°F/min)	Hold Temp °C (°F)	Hold Time (min)
1	10 (18)	1500 (2732)	120
2	-10 (-18)	100 (180)	0



The above sintering recommendation is only a guideline; some adjustments may be required depending on each individual furnace. In case of 54, 90-minute sintering, if it cannot be set according to the schedule, it cannot be sintered.



Kuraray Noritake Dental Inc.

300 Higashiyama, Miyoshi-cho, Miyoshi, Aichi 470-0293, Japan

Website www.kuraraynoritake.com

- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

"KATANA" and "CERABIEN" are trademarks of NORITAKE CO., LIMITED.

CE 1639