

Instructions for Use

NaturaZ Milling Blanks

[Device Description]

NaturaZ milling blanks are machinable zirconium oxide discs for the production of all-ceramic crowns, partial crowns and bridges in the anterior and posterior region

[Intended use]

It is intended for use by professional dental technicians in the fabrication of custom, all-ceramic restorations. It is recommended for the manufacture of single-tooth and bridgework restorations such as crowns and bridges. It can be used for anterior as well as posterior restorations.

[Composition]

ZrO₂, Y₂O₃, HfO₂, Al₂O₃ and other oxides

[Type and Class]

(type II, class 5 : ISO 6872:2015)

[Physical Properties]

Classification – Type II, Class 5 (ISO6872:2015)	
Flexural Strength	More than 800MPa

[Contraindication]

If the patient is hypersensitive to zirconia or any other components, this product must not be used.

[Warnings]

- 1) Do not inhale dust. Do not get dust into eyes.
- 2) Wear personal protective equipment(PPE) such as gloves, masks and lab coats.
- 3) Use the product in a place with good ventilation.

[Preparations]

- 1) Be sure to read the manufacturer's instructions and follow the instructions
- 2) Check with naked eyes whether the product is damaged or not.

[How to use]

- 1) Fix the zirconia block in the specific clamping device.
- 2) effectuate the milling process using CAD/CAM system.
(block shrinkage or Enlargement factor(EF) is indicated on the package label)
- 3) Remove milled framework from block and pre-trim with diamond disc.
- 4) Finish with tungsten cross-cut burs and de-dust framework with air gun.
- 5) If necessary, colour framework with colour liquid.
(see manual for Colour liquid) and Final-dry frame under infrared lamp for 45 minutes.
- 6) Load framework in furnace and Shut gate and select program.
(Observe sintering Schedule)

[Sintering Schedule]

Step	Temperature(°C)	Holding time(minutes)
1	Room temp.~900	180
2	900~1530	240
3	1530~1530	120
4	1530~Room temp.	180

- 7) Remove sintered framework from furnace at room temperature.
- 8) Check frame on working model for seat and margin fit.
- 9) If necessary, use an air turbine to polish sintered framework with a diamond bur.

[Cautions]

- 1) The product should be used only by dental professionals and technicians.
- 2) Do not use the product for other than its intended uses
- 3) Use of this product is forbidden when there are contaminants including foreign matters.
- 4) Do not use if the restoration is cracked.
- 5) This product is intended for single use. Do not use it again once it is used.
- 6) Be sure to read the manufacturer's instructions and follow the instructions

[Storage]

- 1) Stored in the original packaging until use.
- 2) Stored in a cool and dry environment(10°C~35°C(50°F~95°F), less than 70% humidity)
- 3) Do not store blanks in direct sunlight.

[Adverse effects]

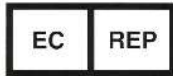
It May wear out the opposing teeth: as zirconia crowns are too tough, they may prove stronger against your natural teeth. It Can be greatly reduce with proper occlusion check with the opposing tooth.

Caution: Federal (U.S.A.) law restricts this device to sale by or on the order of a dental professional.



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**[Symbols]**

	Do not reuse		Use by
	Batch Code		Consult Instructions for Use
	Manufacturer		EC Representative
	Manufactured date		Keep Dry
	Temperature Limitation		Fragile
	Non- sterile	Rx ONLY	Professionals Only(USA)

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