

MILLING KATANA™ ZIRCONIA BLOCK



KATANA™ Zirconia Block

KATANA™ Zirconia Block, the innovative multi layered zirconia block, can be used with Dentsply Sirona's CEREC system¹. A new 18-minute sintering program² has been developed and is now ready to install. The new technology makes it possible to fabricate a full zirconia prosthetic in approx. 35 minutes.



Intraoral scanning
Designing



Milling
15 minutes^{3,4}



Sintering
18 minutes²

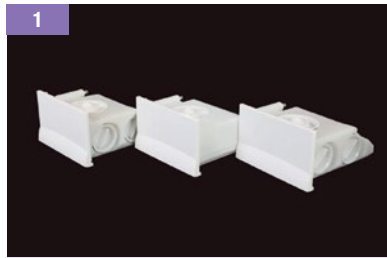
¹ When using this product, use the following guidelines: CEREC software 4.5.2 or later is required. For 18-minute sintering, CEREC software 4.6.1 or later is required. In the US, CEREC software 4.6 or later is required. ² For cases where the wall thickness is less than 6mm using dry milling. ³ Dry milling is recommended. If wet milling/grinding is performed by using cooling water contaminated by silica-based glass ceramics (lithium disilicate glass, etc.), the translucency of the zirconia may be reduced after sintering. Before wet milling/grinding, clean the milling/grinding chamber, cooling water tank and filter insert. The cooling water must be changed in order to assure optimum results. ⁴ For Single-unit prosthetic.

IMPORTANT POINTS TO KEEP IN MIND WHEN BEGINNING TO USE KATANA™ ZIRCONIA BLOCK

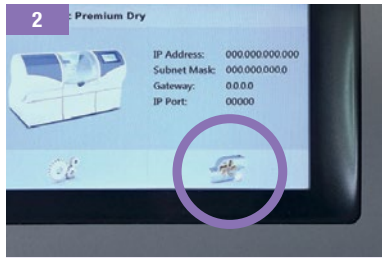
It is recommended to perform **dry-milling** using the Dry Milling Suction Unit (Dentsply Sirona). For details, consult Dentsply Sirona Inc. If **wet milling** is performed using cooling water contaminated by milling material other than zirconia (i.e., silica-based glass ceramic, such as lithium disilicate glass, etc.), the translucency of the prosthesis may be diminished after baking. Before milling, it is necessary to clean the milling/grinding chamber; cooling-water tanks and filters; change the cooling water and clean the inside of the pump. It is good practice to have three tanks, for more efficient performance of the wet milling operation.

WET-MILLING USING MULTIPLE TANKS

Replace the CEREC milling unit tanks as follows:



1 Prepare a tank to hold cooling water for silica-based glass ceramic milling (the glass ceramic cooling-water tank); a tank to hold cooling water for zirconia milling (the zirconia cooling-water tank); and a tank to hold tap water for washing the pump (the wash water tank).



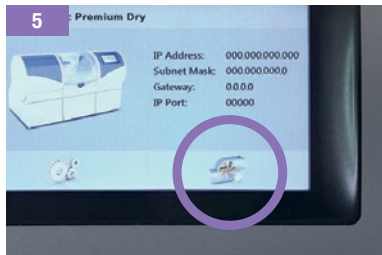
2 Set up the glass ceramic cooling-water tank. Press the Pump button on the touch panel to wash away any glass ceramic powder that is inside the milling chamber.



3 Then, thoroughly flush milling debris from the milling chamber filter and milling powder from beneath the milling chamber filter.



4 Remove the glass ceramic cooling-water tank and install the wash water tank.



5 Press the Pump button on the touch panel to wash the inside of the pump.



6 Remove the wash water tank* and install the zirconia cooling-water tank. Then, switch the device to the wet milling mode before starting to mill.

* The tap water in the wash water tank should be discarded

MILLING SILICA-BASED GLASS AFTER MILLING ZIRCONIA

Remove the zirconia cooling-water tank and install the glass ceramic cooling-water tank. Switch the device to the wet milling mode before starting milling.



Fabricate full natural zirconia restorations with **KATANA™ Zirconia Block** and **Dentsply Sirona's CEREC®** System. The perfect combination for powerful and aesthetic restorations.

MULTI
LAYERED

ADVANCED RESIN CEMENT SYSTEM
PANAVIA V5

SELF-ADHESIVE RESIN CEMENT
PANAVIA SA Cement Universal

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BORN IN JAPAN

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