

MILLING KATANA™ ZIRCONIA BLOCK



KATANA™ Zirconia Block

The future and solution of innovative zirconia features translucency similar to natural tooth enamel by speed sintering. The collaboration of Kuraray Noritake Dental's superior materials technology and Dentsply Sirona's CEREC SpeedFire*¹ now makes it possible to speed sintering process full zirconia restorations (30 minutes).



Intraoral scanning
Designing *²



Milling
15 minutes *³



Sintering
30 minutes *³

*¹ This product is exclusively for use with CEREC *² CEREC software 4.5.2 is necessary *³ In a case involving a crown(dry mill)

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

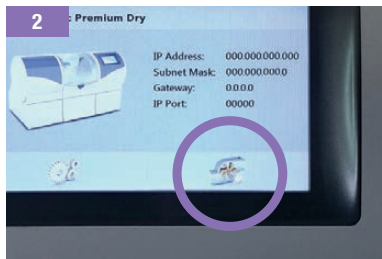
It is recommended to perform **dry-milling** using the Dry Milling Suction Unit (Dentsply Sirona). For details, consult Dentsply Sirona Inc. If **wet milling** is performed using cooling water contaminated by milling material other than zirconia (i.e., silica-based glass ceramic, such as lithium disilicate 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:



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).



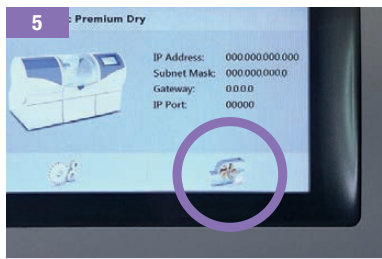
Set up the glass ceramic cooling-water tank. Press the Pump button on the touch panel to wash away any glass ceramic powder that is inside the milling chamber.



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



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



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



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 esthetic restorations.



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