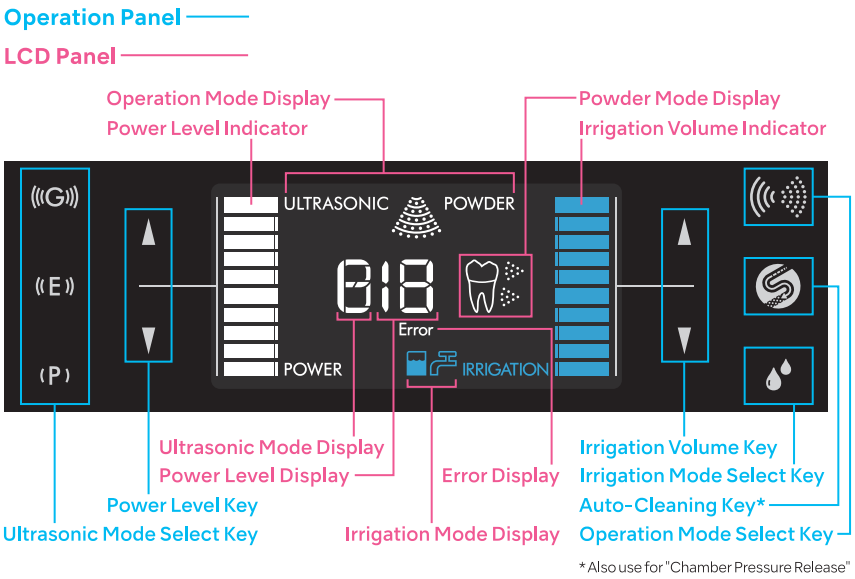
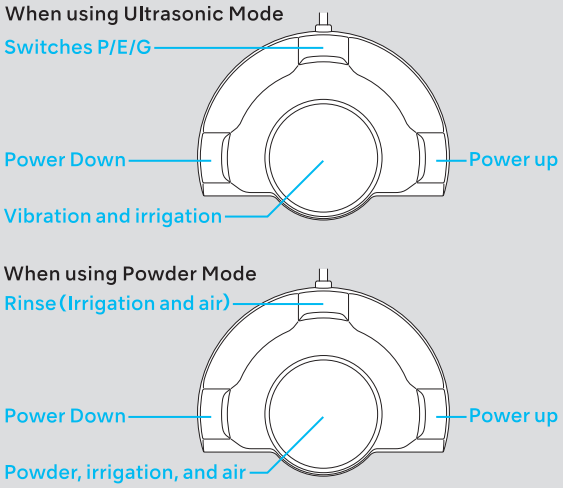
NSK Varios Combi Pro QUICK OPERATION GUIDE

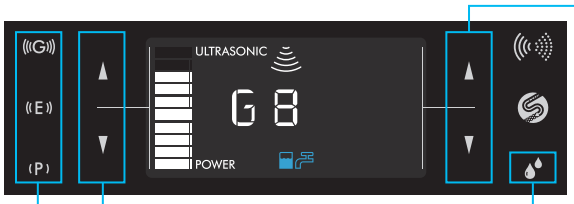
Names of Components

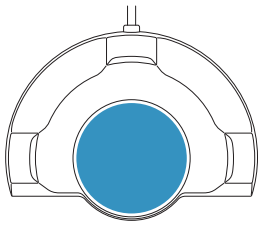


Foot Control



Using the Ultrasonic Mode ULTRASONIC



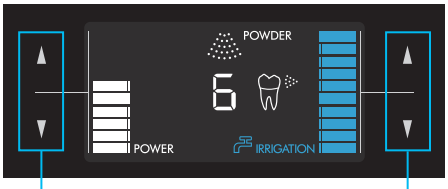


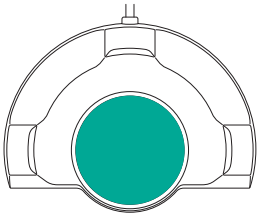
Touch the Ultrasonic Mode Select Key to select the Mode. ▶ Touch the Power Level Key ▲/▼ to set the Power Level. ▶ Touch the Irrigation Mode Select Key to select the Irrigation Mode (Bottle or tap water). ▶ Touch the Irrigation Volume Keys ▲/▼ to adjust the Irrigation Volume. ▶ Depress the desired button ● on the Foot Control.

During the Handpiece operation: You can: Adjust the Power Level and Irrigation Volume
You cannot: Change the Ultrasonic Mode or Irrigation Mode settings and perform Auto-Cleaning

Using the Powder Mode POWDER PROPHY POWDER PERIO

Mode	Chamber	Powder
Prophy Mode (supragingival)	For Prophy use	FLASH pearl
Perio Mode (subgingival)	For Perio use	Perio-Mate powder

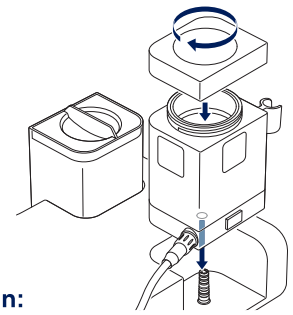




Touch the Power Level Keys ▲/▼ to set the Power Level. ▶ Touch the Irrigation Volume Keys ▲/▼ to adjust the Irrigation Volume. ▶ Powder, water, and air are supplied when the Foot Control button ● is depressed.

Close the Chamber Cap securely until it fits the Chamber completely and insert the Chamber straight to the Control Unit.





During the Handpiece operation:
You can: Adjust the Power Level and Water Volume
You cannot: Change Irrigation Mode settings and perform Auto-Cleaning

Releasing residual pressure

Release the pressure remaining in the Chamber before putting powder in the Chamber or removing the Chamber from the Control Unit.

1. Touch and hold the Auto-Cleaning Key for about 1 second. Beeps are heard and the residual pressure starts to be released.
2. The operation stops when all the residual pressure is released from the Chamber.

NAKANISHI INC. 700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

Maintenance

Auto Cleaning for Ultrasonic Handpiece



1. Remove the Tip from the Handpiece.
2. Remove the Irrigation Bottle and wash inside with running water.
3. Fill more than half of the Irrigation Bottle with distilled water or purified water. (Do not use saline).
4. Insert the Bottle straight into the Irrigation Bottle Base Connector.
5. Place the tip of the Handpiece into the container to catch water.
6. Touch and hold the Auto-Cleaning Key for about 3 seconds to start Auto-Cleaning.
   Auto-Cleaning takes about 45 seconds.

Auto Cleaning for Powder Handpiece



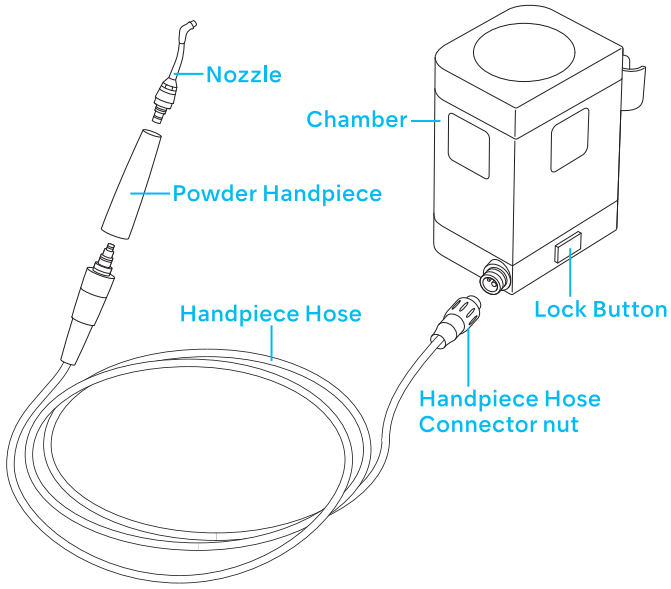
1. For the Powder Handpiece (for Perio use), remove the Nozzle Tip from the Handpiece.
2. Touch and hold the Auto-Cleaning Key for about 3 seconds to start Auto-Cleaning.
3. Auto-Cleaning takes about 45 seconds.
4. To stop Auto-Cleaning, touch the Auto-Cleaning Key again.

Releasing residual chamber pressure

By touching and holding Auto-Cleaning Key for about 1 second.

Cleaning the Chamber and Hose

1. Perform Auto-Cleaning before cleaning the Chamber to release residual powder and water from the inside of the Handpiece and Handpiece Hose.
2. Push the Lock Button to remove the Chamber. Then pull up the Chamber straight.
3. Open the Chamber Cap and remove the residual powder.
4. Loosen the Handpiece Hose Connector nut and remove the Hose from the Chamber.
5. Remove the residual powder from the Chamber using air, etc.
6. Wipe the Hose to remove powder, etc.
7. Use the supplied Cleaning Brush to remove powder from the Connectors on both ends of the Handpiece Hose and the Handpiece Hose Connector Socket of the Chamber.



Error Code

Error Code	Description of Error	Check/Remedy
0	System Error	Turn on the Control Unit power again. Contact your Authorized NSK Dealer if the error does not disappear.
1	24V voltage abnormality	
2	12V voltage abnormality	
3	Pump current abnormality	Check the connection of the Irrigation Pump. If the problem still persists, contact your Authorized NSK Dealer.
4	Air pressure abnormality	Check the incoming air pressure. If the problem still persists, contact your Authorized NSK Dealer.
5	Heater voltage abnormality	Turn on the Control Unit power again. Contact your Authorized NSK Dealer if the error does not disappear.
6	Heater current abnormality	
7	Heater temperature abnormality	Check the water circuit and supply water to the Control Unit. Leave the Control Unit until it cools down before using it. Contact dealer if the error does not disappear.
8	Foot Control communication abnormality	Check the connection of the Foot Control. If the problem still persists, contact your Authorized NSK Dealer.
9	Ultrasonic Handpiece abnormality	Check the connection of the Handpiece. If the problem still persists, contact your Authorized NSK Dealer.
12	Touch sensor communication abnormality	Turn the POWER switch to OFF and then to ON. If the problem still persists, contact your Authorized NSK Dealer.
13	Error in self-check of the Ultrasonic Unit	
14	Ultrasonic Unit system error	