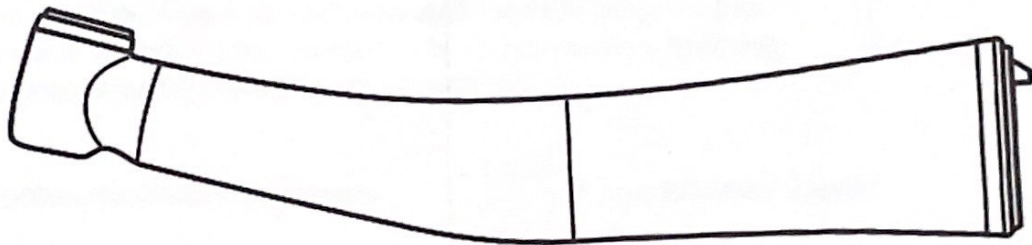


OPERATION MANUAL

Please read this Operation Manual carefully
before use, and file for future reference



MADE IN CHINA

OM-C0353E 005

Indications for use:

The dental handpiece is intended for the following applications: Removal of carious material, cavity and crown preparations, removal of fillings, processing of tooth and restoration surfaces, processing tooth replacement materials.



GS1 DataMatrix for Unique Device Identifier.



If.....(Hypothetical situation)



Prohibited / Process NOT permitted / Wrong




Call for maintenance




Do the step / Process permitted / Correct




Recommend


 Do not use any object with a sharp edge.

 Move in the direction indicated.


 Clicking sound

 Caution, hot surface


 Drying time


 Medical Device


 Drinkable tap water

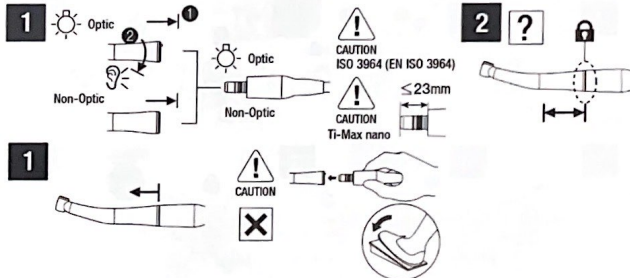
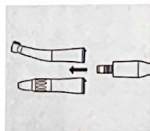
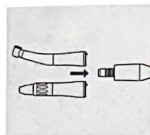
 Move fully to the stop, in the direction indicated.

 Specifications

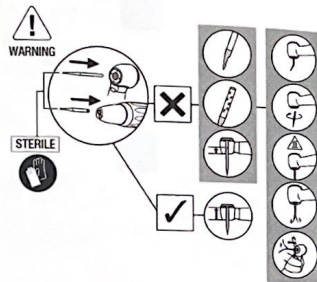
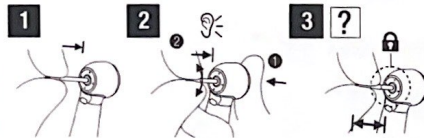
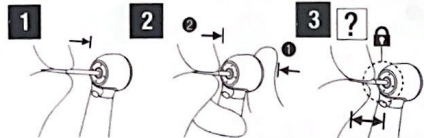
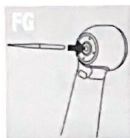
 State of being fixed.

 The instrument can be used with a washer-disinfector for thermal disinfection.

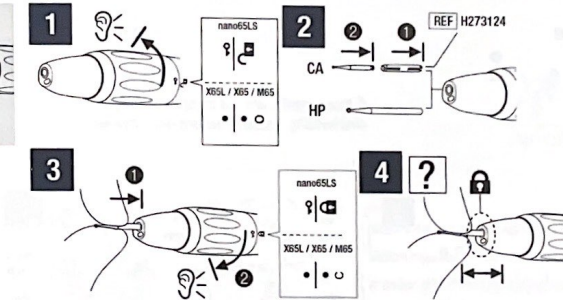
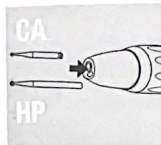
 **WARNING:** Hazard that could result in serious injury or damage to the device if the safety instructions are not correctly followed.



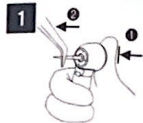
Do not exceed the Max. Rotation Speed (Motor) shown in the specifications in this operation manual.



If blood or debris is stuck, wipe in and around the bur insertion hole with a cloth moistened with disinfectant solution until all residues are thoroughly removed. Residual blood or debris may enter the handpiece while changing burs, which could lead to higher risk of cross-contamination.



Always follow the instructions provided by the bur manufacturer regarding the bur usage and rotation speed, etc.

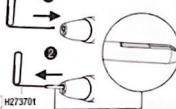


WARNING

If those marks are not completely aligned, it may lead to handpiece overheating, causing patient burn injuries.



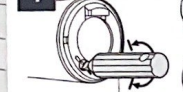
2



REF H273701



WARNING



REF Z1129101



Misc



Winter

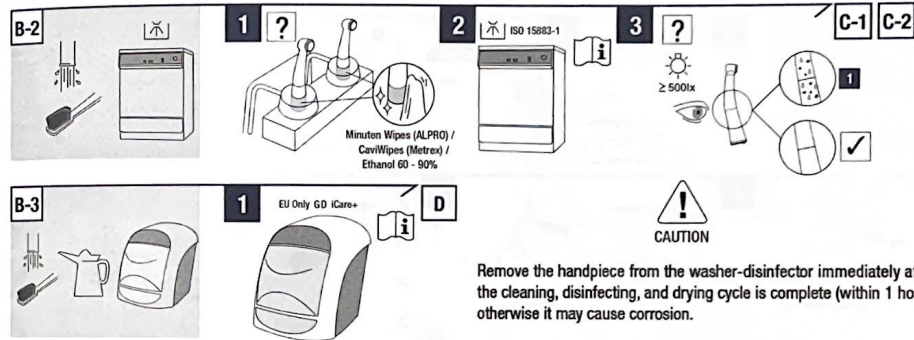


CAUTION

- Make sure to turn the switching valve until it stops.
- Before initiating treatment, assure the water is spraying correctly.
- If water is not being supplied correctly, recheck the switching valve.

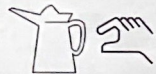


Figure 1 Five-step diagram of the decontamination procedure for the EndoLink 2000.

[illegible]

Remove the handpiece from the washer-disinfector immediately after the cleaning, disinfecting, and drying cycle is complete (within 1 hour), otherwise it may cause corrosion.

C-1



1

REF Z020010



G.D. PANA SPRAY Plus

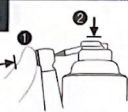
REF Z182100

FG Only for FG Bur type

2



3



FG Only for FG Bur type



CAUTION

After washing with washer-disinfector, prior to lubrication, dry the product until all internal moisture is completely removed. Remaining moisture inside the product could reduce the effect of lubrication and could cause corrosion inside of the product.

4

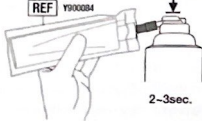
REF Z019090



G.D. PANA SPRAY Plus

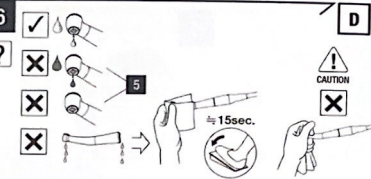
5

REF Y900084



2~3sec.

6

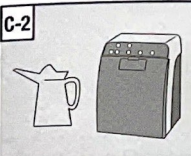


D



CAUTION

C-2



1

G.D. iCare

i

2

G.D. iCare+ / iCare / Care3 Plus

i

D



WARNING

Immediately after a treatment (within 1 hour), perform maintenance and then store the handpiece. Failure to properly maintain the handpiece may cause infection, product failure, overheating leading to burn injuries.



CAUTION

FG Only for FG Bur type



CAUTION



CAUTION



D

1

CAUTION

ISO 11607-1

	Class N	Class B
Temperature	132°C	134°C
Time	≥15min	3-18min
Time	≥30min	≥30min

EN13060 / ISO17665-1

CAUTION

Plasma

EO

CAUTION

>135°C

CAUTION

2

CAUTION

Clean and lubricate the handpiece prior to sterilization. If blood remains on the internal surface it may become clotted and cause product failure.

Immediately after sterilization is complete (within 1 hour), remove the handpiece from the sterilizer. Failure to do so may cause corrosion.

Do not heat or cool the product too quickly. Rapid change in temperature could cause damage to the product.

Sterilization is not guaranteed after the sterilization retention period specified by the manufacturer and seller of the sterilization pouch has elapsed. If the sterilization retention period has elapsed, perform sterilization again with a new sterilization pouch.

1 ?

2

Ethanol 60-90%

CAUTION

Checking the Handpiece Before Each Use

1 ?

CAUTION

Call for maintenance

2 ?

Periodical Maintenance Checks Every 3 months

1 **2** **3**

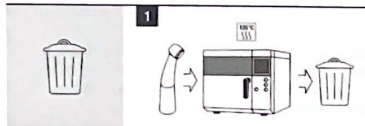
1min. Max.

WARNING

If blood infiltrates inside a handpiece, an automatic handpiece cleaning and lubrication system may not totally clean the internal handpiece components and may lead to blood coagulation inside the handpiece. Coagulated blood may cause handpiece failure and overheating, causing burn injuries.

3 ?

CAUTION



Be sure to sterilize before disposing. Ask specialist firms who are licensed to dispose of specially controlled medical wastes, to dispose the product for you.

Indications for use:

This product is pneumatic dental drilling system handpiece intended for removing carious material, reducing hard tooth structure, cavity preparation, finishing tooth preparations and restorations and polishing teeth.



GS1 DataMatrix for Unique Device Identifier.



Do the step / Process permitted / Correct



Call for maintenance




Prohibited / Process NOT permitted / Wrong





If.....(Hypothetical situation)




Recommend


 Do not use any object with a sharp edge.

 Move in the direction indicated.


 Blowing off with compressed air

 Drive air pressure


 Water Pressure


 Caution, hot surface


 Drinkable tap water


 Move fully to the stop, in the direction indicated.


 Specifications

 Chip air pressure


 Exhaust air pressure

 State of being fixed.

 The instrument can be used with a washer-disinfector for thermal disinfection.

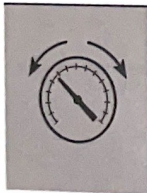
 WARNING: Hazard that could result in serious injury or damage to the device if the safety instructions are not correctly followed.

 Medical Device

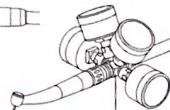
 CAUTION: Hazard that could result in light or moderate injury or damage to the device if the safety instructions are not correctly followed.



Depressing the Push Button while the handpiece is in rotation may lead to overheating, causing burn injuries or product failure. Avoid the push button to contact with any oral tissue.



NSK / KaVo
Sirona / Bien-Air
WSH / M4



REF Z109400



B2



REF Z109200



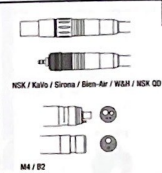
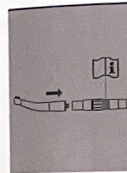
WARNING

Follow the specifications described in this operation manual as to supply pressure, the bur to be used, etc.



CAUTION

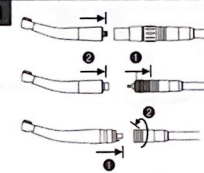
Do not use air contaminated by dust, moisture or oil.



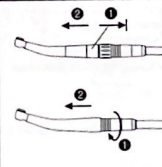
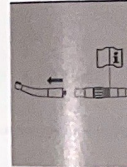
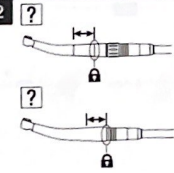
NSK / KaVo / Sirona / Bien-Air / WSH / NSK QD

M4 / B2

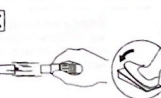
1



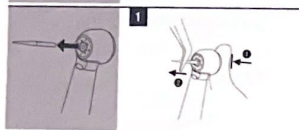
2



CAUTION

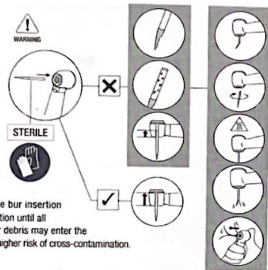


Sudden release of the handpiece may cause injury.

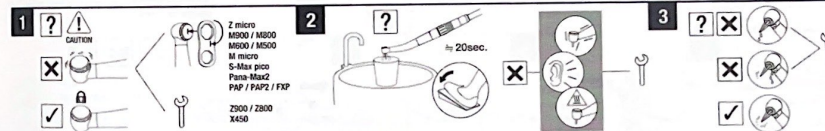



CAUTION

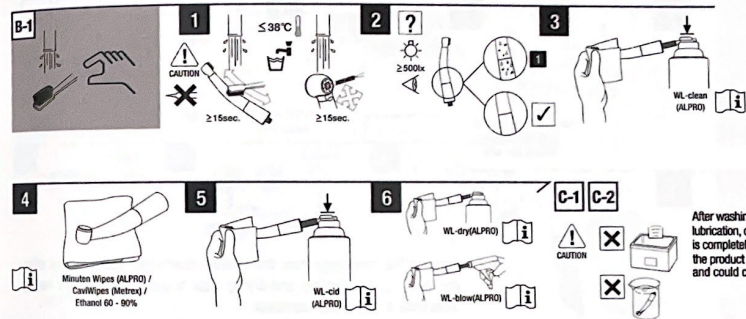
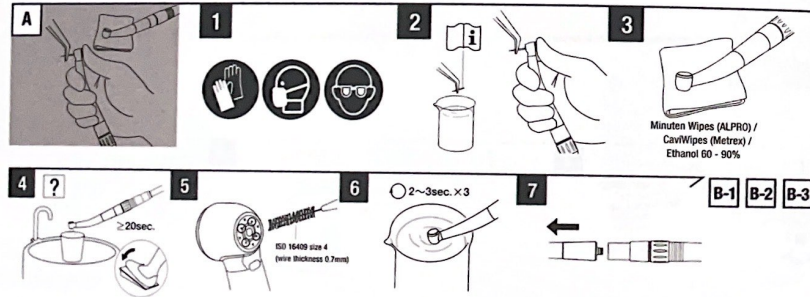
Always follow the instructions provided by the bur manufacturer regarding the bur usage and rotation speed, etc.

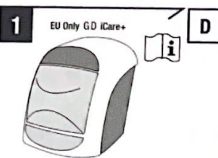
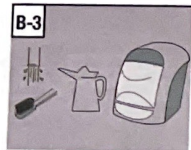
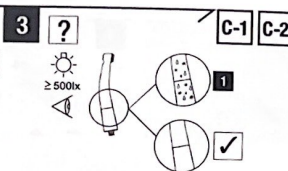
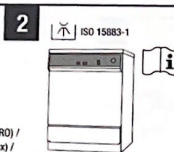
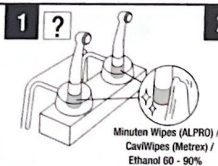
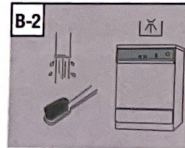


Periodical Maintenance Checks	Every 3 months
-------------------------------	----------------

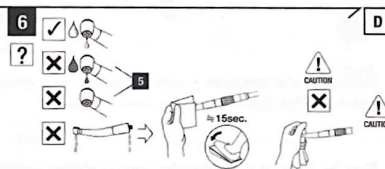
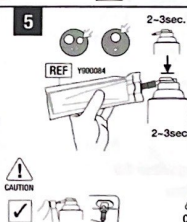
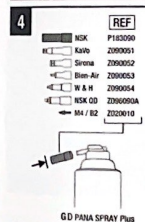
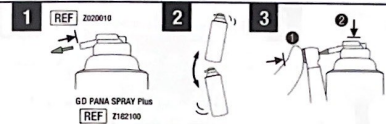


WARNING To ensure cleaning and sterilization efficacy, use only the following procedures for reprocessing.



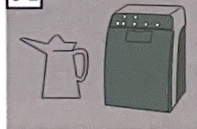


Remove the handpiece from the washer-disinfector immediately after the cleaning, disinfecting, and drying cycle is complete (within 1 hour), otherwise it may cause corrosion.



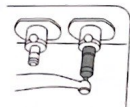
It is verified that this product can be sterilized at least 250 times.

C-2



1

GD iCare



2

GD iCare+ / iCare / Care3 Plus



D



CAUTION

Immediately after sterilization is complete (within 1 hour), remove the handpiece from the sterilizer. Failure to do so may cause corrosion.



CAUTION

Store the product in a well ventilated place out of direct sunlight and within the range of temperature, humidity and pressure specified in specifications.

D

1



CAUTION



ISO 11607-1



CAUTION



EN13060 / ISO17665-1



CAUTION

>135°C



CAUTION

135°C



CAUTION

135°C



CAUTION

135°C



CAUTION

135°C



CAUTION

135°C



CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION

135°C

CAUTION



1 ?

2

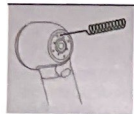


CAUTION



WARNING

If blood infiltrates inside a handpiece, an automatic handpiece cleaning and lubrication system may not totally clean the internal handpiece components and may lead to blood coagulation inside the handpiece. Coagulated blood may cause handpiece failure and overheating, causing burn injuries.



1 ?

2

REF 2144101



Z micro / Z800 / Z800 / XASO
M900 / M800 / M500 / M500 / M micro
PAP / PAP2 / FXP



Z micro / M micro

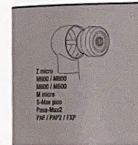


S-Max pico
Pana-Max2



CAUTION

CAUTION



1



2



3



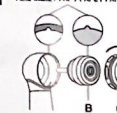
2-3sec.



GD PANA SPRAY Plus

4

M900 / M800 / M500 / M500
Pana-Max2 / PAP / PAP2 / FXP



B

C



CAUTION

CAUTION

	REF		
	A	B	C
Z micro / M micro	PA2307X765	PA2307X001	PA2307X050
M800 / M500	20000535	P1280	P1001500
PAP-MU			
PAP2-MU			
FXP-MU			
M900 / M600	20000535	P1281	P1027500
PAP-SU			
PAP2-SU			
FXP-SU			
S-Max pico	20002803	P1140200	P1140500
Pana-Max2	P1190765	P1190	P1190050



CAUTION

CAUTION



O-ring

O-ring



S-Max pico

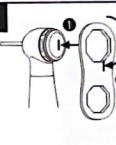
S-Max pico



PAP / PAP2 / FXP

PAP / PAP2 / FXP

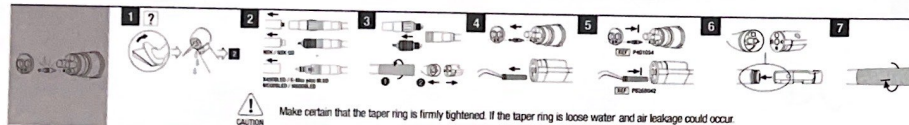
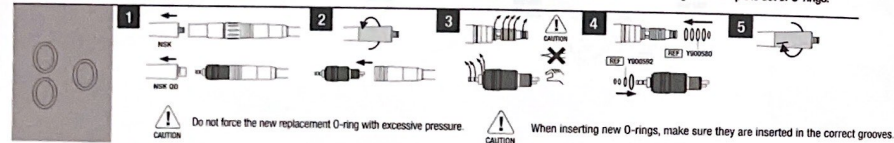
5



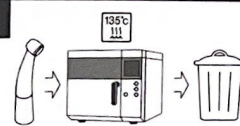
1

2

Replace the O-rings if water is present in the exhaust air line. This is an indication of possible water leakage within the coupling. ALWAYS change the complete set of O-rings.



1



Be sure to sterilize before disposing. Ask specialist firms who are licensed to dispose of specially controlled medical wastes, to dispose the product for you.