Evolve Series
User Guide
Compatible Couplings

CAUTION
• When operating the product always consider the safety of the patient.
• The product is designed only for clinical dental use by qualified personnel.
• Do not attempt to disassemble the product or tamper with the mechanism.
• When the product function abnormally, cease operation immediately and return the product to an authorized dealer for repair.
• Do not allow any impact on the product. Do not drop the product.
• Do not connect or disconnect the hose or handpiece until the drive motor has completely stopped.
• Confirm the operation manual of the connection between hose and handpiece.
• Do not attempt hydrothermal cleaning or rinse it in water. It may cause malfunction or electric shock.
• Follow the instructions from instrument manufacturers.

1. Features
• There is no generation of heat in the light source, power saving and long life LED.
• Power supply for illumination is regardless of polarity. You can use various of units.
• Non-Retraction Valve which prevents the water from flowing back is built in.

2. Settings

CAUTION
• Do not connect or disconnect the hose or handpiece until air pressure has completely stopped.
• Follow the instrument manufacturers instructions.
• This coupling can connect with a hose with light and ISO Standard 4 hole. (Fig.1) If it connects with a hose without light function, the light terminal will deform and it will become a cause of failure.

Coupling Installation
Verify the coupling is securely attached to the handpiece tubing and the drive air pressure is properly set.

• Connect (FIG. 2)
  Install the handpiece into the coupling and push it firmly to ensure it is properly installed.

• Disconnect (FIG. 2)
  Pull the connector ring firmly to release the handpiece from the coupling then remove the handpiece.
3. Parts Replacement

- Replacing the optic illumination bulb (CN-4010/CK-4010)

To replace the bulb, do the following: (FIG. 3)

1. Remove the handpiece from the coupling.
2. Install the coupling into the auxiliary tool and rotate it clockwise to loosen the socket quick connector.
3. Remove the used bulb receptacle.
4. Install a new bulb receptacle into the connector. Then rotate it counter-clockwise to tighten the socket quick connector. Be sure it is securely attached.

Optional Bulb: Order No. HC-1490100301

CAUTION

- Do not touch the glass part of the new bulb.
- Make sure the socket quick connector is securely attached. Otherwise, it will result in water and air leakage.

4. Maintenance

After each use, clean the surface of the coupling with brush etc. (Do not use metal brush) and wipe it with the cotton moist with disinfecting alcohol.

This coupling cannot be autoclave sterilized.
This coupling cannot be cleaned and disinfected with a Thermo-Disinfector.

CAUTION

- Do not wipe with, or clean or immerse in, high acid water or sterilizing solutions.
- Do not connect or disconnect the hose or handpiece until the drive motor has completely stopped.

5. Non-Retraction Valve

A Non-Retraction Valve is equipped in the coupling joint, which shuts off the water retraction right at the handpiece head, to prevent oral fluids sucked into the water line. (FIG. 4)

To replace the valve, remove the back-end gasket. Pull and remove the water tube, and replace the Non-Retraction Valve.

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