

## OPERATION AND MAINTENANCE INSTRUCTIONS –

### For Professional Use Only

Please read and follow these simple instructions so that you may enjoy years of dependable service.

#### Couplers

CONNEX™ GR

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## OPERATION INSTRUCTIONS

#### Product Specifications:

This swivel coupling is an accessory to a dental handpiece, designed for coupling the supply hose to compatible fiber optic dental handpieces. Follow the handpiece manufacturer's directions for air supply pressure. Use an air pressure gauge to adjust the pressure to the appropriate psi as recommended in the specific handpiece manual.

#### Installation and Operation:

Each model of swivel coupler is designed to connect to the specific ISO-B (4 hole), ISO-B (5 hole) and ISO-C (6 pin) type tubing. The coupler and handpiece must be supplied with a clean and dry air supply. Moist and/or dirty air from the compressor can damage internal components.

Before first use and after each use prepare and sterilize the device if needed.

#### Connect Tubing, Coupler and Handpiece:

**Connect:** Align and insert tubes of coupler into the connector holes of tubing and screw the coupler onto the handpiece hose. **IMPORTANT:** firmly tighten the coupler onto the tubing to avoid water leakage and to ensure proper functioning.

For Kavo multiflex style and CONNEX GR type connections, firmly press handpiece onto coupler until it clicks into place.

**Note:** The coupler tubing connection may loosen over time, resulting in water leaks and/or loss of power. Check for tightness periodically.



### Cleaning and Care

**Incorrect maintenance and care can shorten the life of this product.**

#### External Cleaning

Remove coupler from handpiece and tubing and clean the external surface thoroughly with a sponge or gauze using warm tap water. **DO NOT IMMERSE COUPLER.** Wipe dry with a clean cloth or use syringe air.

#### Clean Internal Surface

Use an aerosol spray lubricant/cleaner like SciCan's STATCARE™ and STATMATIC™ sprays, or Johnson Promident Premium Spray or DCL-90 to spray into the back end of the coupler in the drive air

tube for 2-3 seconds. Run the coupler for 20 seconds so that all excess fluid is expelled. This ensures internal parts of coupler are cleaned.

### Sterilization

**Note: The device must be sterilized before the first use and after every use.**

Couplers should be cleaned and sterilized between patients.



For Autoclavable couplers, place coupler into autoclave bag or pouch. Cycle per autoclave manufacturer's instructions. Attachments should be processed in an autoclave set at 132°C for a minimum of 15 minutes. **DO NOT EXCEED 275° F (29 psi)/135°C (2 bar) and/or 20 minutes.** Allow coupler to cool down to room temperature before use.

**Troubleshooting:** If your coupler is leaking or clogged, please use the following guide:

*Problem:* Water is leaking around coupler

*Solution:* Check to be sure coupler is tightly threaded onto tubing to ensure gasket seal. Check all O-rings and gasket for wear or brittleness and replace. Seals wear with use and must be replaced periodically.

*Problem:* Little or no water spray

*Solution:* Check to see if water sprays out of coupler without handpiece attached. If so, handpiece water line is clogged. If water sprays from tubing directly but not through coupler, then coupler water spray tube is clogged and can be cleared by inserting thin wire in and out of water spray hole to dislodge debris.



### CAUTION

**DON'T** immerse instrument in water or use ultrasonic cleaner.

**DON'T** use any type of chlorine, chemical or soap on instrument.

Use of chlorine products, aldehydes, etc. will damage coupler and void all warranties.

**DON'T** exceed 275° F (29 psi)/ 135°C (2 bar) in autoclave.

**DON'T** dry heat or heat transfer sterilize.

### Limited Warranty

SciCan warrants couplers for 6 months from date of purchase. O-rings and seals are specifically excluded from this warranty. Warranties cover manufacturing defects only and do not cover defects and their consequences that arise from improper handling, cleaning or maintenance, natural wear, improper handling, or non-compliance with operating, maintenance or installation instructions, calcination or corrosion, contaminated air or water supplies or chemical factors deemed impermissible in accordance with instructions. Liability is limited to repair or replacement of the defective product at our sole discretion.

Manufactured for:

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