



The Leader In Advanced Systems Integration

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Technical Guideline

Replace O-Rings for Micro Irrigator/ Irri-Vac

TG-95-4034/35

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PARTS INCLUDED

- O-Rings
- Tube of O-Ring grease

TOOLS REQUIRED

- Tweezers or needle-nose pliers



CAUTION! The irrigation system may contain chemicals that are caustic or corrosive. Always verify with the operator of the system to determine which chemicals they are using within the system. Always follow workplace safety protocols when doing maintenance or service of the system including the wearing of face mask, eye protection and gloves for proper protection of exposed skin, breathing and eyes.

INSTRUCTIONS

1. Turn off air supply to irrigation bottle housing.
2. Unscrew an irrigation bottle to relieve compressed air in system.
3. While holding the metal body of the irrigation handpiece, unscrew the white handle from the base and slide down tubing, then remove the head of the irrigator. (Fig. 1)



Fig. 1
Unscrew handle



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4. Separate the titanium portion of the handpiece and the coupler. (Fig. 2)



Fig. 2
Remove irrigator head

5. Once you have separated the two parts of the handpiece, you will find small O-rings on both parts. Remove those O-rings using tweezers or pliers. (Fig. 3)

NOTE: Your handpiece will either have one connector as shown in Fig. 3, or three connectors as shown in Fig. 4.



Fig. 3
Locate small O-rings (Micro Irrigator handpiece)



Fig. 4
Irri-Vac handpiece

NOTE: When replacing the O-Rings, make sure you roll them into place. If you pull them on with a tool, you may nick them, creating a leak in the handpiece. You may find it useful to stretch the O-rings over a pen/pencil tip, then roll them into place.



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6. Attach new O-rings on both parts of the handpiece; applying the supplied O-ring grease to all of the O-rings before you place the two parts of the handpiece back together.

NOTE: Do not use petroleum jelly (e.g., Vaseline®) as it will degrade the O-ring.



Fig. 5
Apply O-ring grease to O-rings

7. Reassemble handpiece in reverse order.
Turn system on and run irrigation handpiece to verify there are no leaks.