



## **WATER REGULATOR SPARES KIT**

**DCI PART NUMBER 7199**

### **INSTALLATION INSTRUCTIONS**

#### **REPLACEMENT:**

1. Remove screws for the regulator bracket. Remove the regulator/coupling assembly.
2. Install DCI replacement assembly into front panel with output barb facing the 9:00 position.

#### **CALIBRATION:**

1. Install a '0-100 ml/min' flow meter at the water supply.
2. Rotate coupling to minimum water flow position – fully counterclockwise – and hold in this position where the metal arm touches plastic stop.
3. Set input water pressure to 25 psi on the input to the scaler and insert a 30K TFI-10 insert into the handpiece.
4. Adjust water flow to 5 ml/min. by rotating the regulator shaft. Verify that water flow begins before the knob is rotated past the 9:00 position.
5. Tighten the 4-40 set screws securely into coupling and hold shaft into minimum position. Tighten set screw to 5+/- .3 in/lbs with torque driver.
6. Check the flow with coupling rotated to maximum water flow – fully clockwise at 25 psi. Flow must be equal to or greater than 55 ml/min.
7. Rotate the coupling to the minimum water flow position. Flow must be lower than or equal to 15ml/min.
8. Set input water pressure 60 psi and repeat steps 6 through 7. Verify that water flow begins before knob is rotated past the 9:00 position.