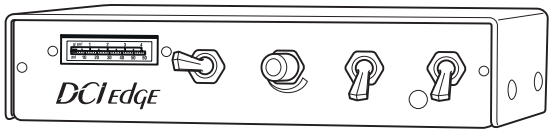
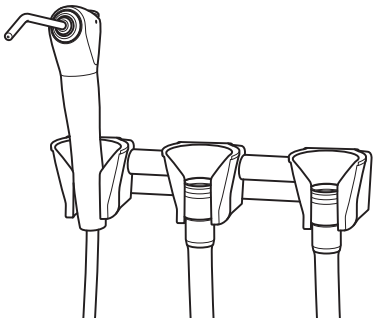
ALTERNATIVE #4401 MANUAL TABLE-TOP CONTROL FOR TWO HANDPIECES

Installation Instructions

THE FOLLOWING ITEMS ARE CONTAINED IN THIS PACKAGE:

- One manual table-top control with handpiece tubings and umbilical installed
- One six inch holder bar, with two #6 x 3/4" wood screws
- One syringe holder and two handpiece holders
- One economy foot control
- One air/water syringe
- One syringe repair kit
- One 3/32" hex key





YOU WILL NEED THE FOLLOWING ADDITIONAL TOOLS TO INSTALL THE #4400:

- 1/4" and 1/8" sleeve tool, DCI PN 8060
- Appropriate fasteners for mounting manual table-top control
- 1/8" hex key
- Screwdriver or other appropriate hand tool for wall fasteners
- 1/4" and 1/8" tubing sleeves

INSTALLATION INSTRUCTIONS

1. Locate the exact position that the table top mount is to be installed. Remove the cover by removing the four 1/8" hex head screws, two on each side of the cover. Using appropriate fasteners, mount the manual table-top control. (Replace the cover after all connections and adjustments have been made.)
2. Route the syringe tubing and handpiece tubing as necessary to reach the mounting location of the manual table-top control.
3. There are four supply tubing's attached to the back of the manual table-top control. Route and connect then as follows:
   - 1/8" blue to regulated water in the utility center.
   - 1/8" yellow to barb on cap of master shut-off valves in the utility center.
   - 1/8" clear to unregulated air in the utility center.
   - 1/4" gray to the foot control unribbed (outlet) tubing.
   - Route the ribbed foot control (supply) line to the utility center and connect it to regulated air.
4. Select a location for the handpiece holder bar and mount it using the #6 x 3/4" wood screws.
5. Open the manual shut-off valves in the utility center. Adjust regulated air to 80 psi and regulated water to 40 psi. When adjusting for a lower pressure, make the adjustment, and then press the syringe button to relieve the pressure to get an accurate pressure reading.

CONTROL LOCATIONS AND ADJUSTMENTS ARE:

NOTE: Adjustment screws for syringe and handpiece pressures are located on the underside of the control unit. Depending on the mounting location selected, it may be convenient to make these adjustments before mounting the table-top control. Refer to steps 6 through 8, and to the handpiece manufacturer's instructions.

1. The handpiece operating pressure gauge is on the left front of the manual table-top control.
2. The handpiece selector toggle is located to the right of the gauge. The toggle position indicates the active handpiece, left for handpiece #1 and right for handpiece #2.
3. The handpiece water coolant flow control valve is located to the right of the handpiece selector valve.
4. The handpiece water coolant on/off toggle valve is located to the right of the handpiece water coolant flow control knob.
5. The master on/off toggle valve is located on the right front of the manual table-top control.
6. Syringe Adjustments:
    - The syringe adjustment screws are located on the underside of the manual table-top control. Use the 3/32" hex key provided to make the adjustments. Turn the screws clockwise for less flow, counterclockwise for more flow.
7. Handpiece Operating Pressure Adjustments:
    - You will need a 3/32" hex key to make these adjustments.
    - Install a bur in the handpiece to be tested. The master on/off toggle must be in the on position. With the handpiece selector toggle select the handpiece you want to adjust.
    - Place the water coolant on/off toggle in the off position.
    - Step on the foot control disc until the handpiece is running at maximum speed. The handpiece pressure adjustment screws are located on the underside of the manual table-top control, to the left of the syringe adjustment screws.
    - Using the 3/32" hex key adjust handpiece pressures. As you face the table-top control the number one handpiece adjustment screw is on the left, and the number two handpiece adjustment screw is on the right. Turn the adjustment screw counter-clockwise until the pressure gauge reads a little more than the recommended operating pressure. Then turn the screw until the pressure gauge indicates the recommended operating pressure. Handpiece pressures should be adjusted in accordance with the manufacturer's recommendation.
    - Repeat this step for the remaining handpiece.
8. Handpiece Water Coolant Adjustment:
    - Place the water coolant on/off toggle in the on position. Install a bur in handpiece number two. Press on the foot control disc until the handpiece is running at half operating speed. Adjust the water coolant flow control knob until a fine spray is present around the bur. Very little water coolant is required to attain the appropriate spray pattern.

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