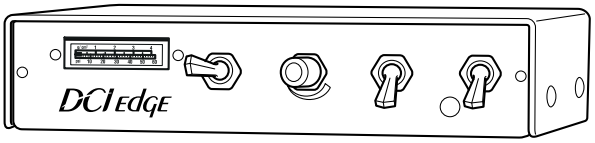
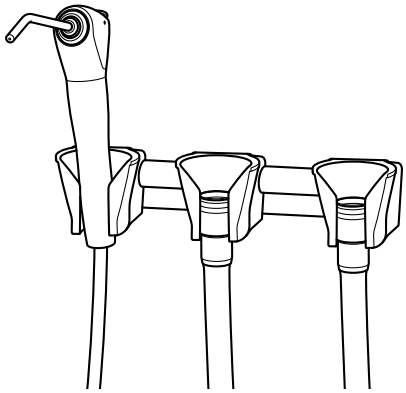
ALTERNATIVE #4401 MANUAL TABLE-TOP CONTROL FOR TWO HANDPIECES
Operating Instructions

DCI

OPERATION AND FEATURES

CONTROLS





The *master on/off toggle* controls air to the entire control system. It is located on the right front of the table-top control.

The *drive air pressure gauge* indicates the operating pressure of the selected handpiece. It is located on the left front of the tabletop control.

The *handpiece selector toggle* controls which handpiece is active. The number one toggle position actives the low speed handpiece and the number two position activates the high-speed handpiece. It is located on the front of the table-top control, to the right of the drive air pressure gauge.

The *water coolant flow control knob* controls water to handpiece number two. It is located on the front of the table-top control, to the right of the handpiece selector toggle.

The *water coolant on/off toggle* controls the air signal to the water coolant relay for handpiece position number two. It is located on the front of the table-top control, to the right of the water coolant flow control knob.

The *drive air adjustment screws* are located on the underside of the table-top control, to the left of the syringe adjustment screws. Handpiece drive air pressures should be adjusted to the handpiece manufacturer's recommendation. *See the section on adjustments.*

SYRINGE

The #4401 comes with an air/water syringe. The syringe is packaged in a shipping envelope, with operating instructions and a repair kit attached. The syringe goes in the holder on the far-left side of the instrument holder bar.

FOOT CONTROL

The foot control is a standard disc style. Handpiece speed is controlled with the foot control disc. Varying pressure on the foot control disc controls speed. Air coolant is also provided when you step on the foot control disc.

TABLE-TOP CONTROL

The table-top control can be cleaned with most commonly available surface disinfectants. Do not use any Sodium Hypochloride solutions, or any cleansers containing alcohol. These may cause paint and finish discoloration.

DENTAL UNIT WATER LINE MAINTENANCE

The Centers for Disease Control and the American Dental Association can provide recommendations on when to flush your system, for how long, and what to use.

ADJUSTMENTS

SYRINGE BLOCK

Syringe adjustment screws are accessible through the bottom panel of the table-top control.

Use the 3/32" hex key provided with the control to make the adjustments. Turn the screws clockwise for less flow, counterclockwise for more flow. As you face the control unit the adjusting screw for air is on the right, and the adjusting screw for water is on the left.

HANDPIECE DRIVE AIR OPERATING PRESSURE

NOTE: All of the following adjustments should be made with a bur in the handpiece. Running a handpiece without a bur can damage the handpiece.

Refer to the manufacturer's literature to determine the recommended drive air operating pressure for your handpieces.

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.

Handpiece pressure adjustment screws are located to the left of the syringe adjustments 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 counterclockwise 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. Repeat this step for the remaining handpiece.

WATER COOLANT FLOW CONTROL

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.

CLEANING AND MAINTENANCE

Do not use powdered cleansers, scouring pads, or abrasive scrubbers on any of the finished metal surfaces in this unit, i.e., the syringe or the foot control disc. Sodium Hypochloride will also damage these surfaces.

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