


POWER CONTROLS

Table adjustments can be made with the power/table controls, or in conjunction with the digital control.

The digital control adds these convenient features:

- Move the table to a one-time preset position.
- Add or subtract distance from the current table position.
- Move the table to one of ten preset locations stored in digital memory.

There are two LED readouts on the digital control. The top LED shows the target position value intended for the table, if one is entered, and the bottom LED shows the actual position of the table.

The readout values can be expressed either in millimeters or inches with the use of the MM/INCH key . The corresponding LED light on this key will show which measurement is active.




To move the table with the power/table controls only:

1. Press the TABLE UP or TABLE DOWN button on the power/table control.
2. Table movement will stop when the button is released.

The digital control has two modes of operation—manual and single.






In MANUAL mode, the table can be moved either with the power/table control buttons or the digital control keypad.


To use the digital control keypad in manual mode to move the table:

1. Press the MANUAL/SINGLE key  to select MANUAL mode—the light on this key will blink.
 - Press the “9” key  on the digital keypad to move the table up.
 - Press the “8” key  on the digital keypad to move the table down.
2. Release the key to stop table movement.



The SINGLE mode of the digital control provides precise movement of the table to a preset position.



To move the table to a one-time preset position:




1. On the digital keypad, press the MANUAL/SINGLE key  to select SINGLE mode—the light on this key will be off.
2. Press the PROGRAM key —an LED will blink in the top target window.
3. Using the numerical keypad, enter the target value for the table position.
4. Press the ENTER key —the light on the START key  will blink.
5. Press the START key  to send the table to the target position.


Note: To cancel the table movement before it has reached the target value, press the STOP key . To restart the procedure, you will have to re-enter the target value again.

To add or subtract distance from the current position of the table:

1. On the digital keypad, press the MANUAL/SINGLE key  to select SINGLE mode—the light on the key will be off.
2. Press the +/- key —an LED in the top target window will blink.






Note: When the +/- key  is pressed once, the default is to add the value in the top LED target window. To toggle this value to be subtracted, press the +/- key  again—a minus sign will appear at the left edge of the top LED target window.

3. Using the numerical keypad, enter the value to be added to or subtracted from the table position shown in the bottom LED window.
4. Press the ENTER key  to accept this value—the light on the START key  will blink.
5. Press the START key  to move the table to the desired location.



Note: Pressing the STOP key  will halt the table movement and cancel the programming.


The digital control provides ten preset values to be stored in permanent memory for use with frequently used table positions. These values are associated with the “0” through “9” keys on the digital keypad.

To enter a preset target value into memory:




1. On the digital keypad, press the MANUAL/SINGLE key  to select SINGLE mode—the light on the key will be off.
2. Press the following keys one at a time:
 - a. The “F” key .
 - b. The “5” key .
 - c. The “5” key  again.
 - d. The ENTER key .



Note: If this procedure is successful, an LED in both the top target window and the bottom actual window will blink, and “ProG” will appear in the top target window.

3. Press a key from “0” to “9” to store the target value—the number of the key pressed will appear to the right of “ProG” in the top target window.
4. Using the numeric keypad, enter the table position to be stored and press the ENTER key .
5. Repeat **Steps 3–4** to store additional values.
6. When finished, press the EXIT key —the readout windows will return to normal.

Note: You may cancel and exit this procedure at any time by pressing the EXIT key .

To move the table to a stored preset position:

1. On the digital keypad, press the MANUAL/SINGLE key  to select SINGLE mode—the light on the key will be off.
2. Press the key on the numeric keypad that stores the table position value you wish to use—that value will appear in the top target window and the light on the START key  will blink.
3. Press the START key  to move the table to the preset position.

Note: You may press the STOP key  anytime the START key  light is blinking to cancel the process and return the digital control to normal.