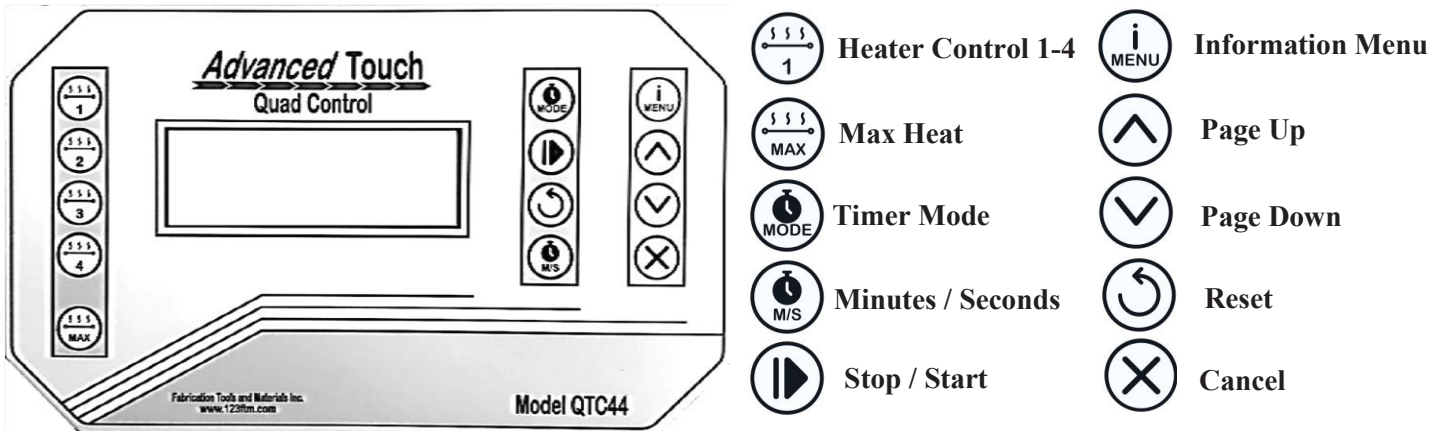


# Advanced Touch Quad Control *Model QTC44*

## 4<sup>th</sup> generation heating system controller

The new Advanced Touch Quad Control has been designed from the ground up to include the features most requested by the fabricators who use them. These new features include a Max Heat button, improved timer controls, a cooler running circuit board, and a Capacitive Touch Keypad. The QTC44's 4 line by 20 characters display shows the current setting for all 4 heating trays, timer mode, voltage and amps. Touch the i MENU button and use the up/down arrows to display a seven page User's Guide with quick reference to controller operations and more.



## Instructions




### Connecting Heating Trays to QTC44 Control Box:

Each tray is numbered to match up to the corresponding tray numbers located at the back of the QTC44 controller. Just match the Quick Connect power cords up and plug in.

### Power on:

- 1) Make sure the rocker switch is in the OFF position.
- 2) Plug power cord into a properly grounded 120 volt 15 amp 60 Hz outlet.
- 3) Turn the rocker switch to the ON position. Display will come on. Variable speed fan runs as current increases.

### Select & Adjust Heating Trays:

- 1) **Touch** to select desired tray 1 through 4. Selected tray will begin to flash. Use   to adjust percentage of current. Touch selected tray again to set selected current percentage or  to undo.
- 2) **Touch and Hold** to turn an individual tray on or off, 100% will show in display when tray is on and "OFF" is displayed when tray is off.

*Note: Tray will automatically set after 25 seconds if selected tray button is not touched to set selected current percentage.*

### Max Heat:

**Touch and hold** to bring all 4 trays up to 100% power. This can be used to preheat trays or anytime 100% power is desired.



Abbeon Cal, Inc.

Industrial Plastic Working Equipment & Precision Instruments












Abbeon Cal, Inc.,  
1363 Donlon Street Unit 1, Ventura, CA 93003-8387  
800-922-0977 www.Abbeon.com  
E-mail: abbeoncal@abbeon.com

# Advanced Touch Quad Control *Model QTC44*












## 4<sup>th</sup> generation heating system controller

### Selecting & Using Timers:





**A) PERIOD TIMER:** This timer mode allows you to set the amount of time you want to perform each operation. This timer will count down to zero from the time you have set. When it reaches 00.00, it will beep & stop.

- 1) Touch  until the PERIOD TIMER is displayed.
- 2) Touch  and minutes will begin to flash. Use   arrows to select from 0 to 99 minutes. Touch  to switch to seconds. Use   arrows to adjust from 0-59 seconds and touch  to select.
- 3) Touch the  to start or pause the period timer.
- 4) When the timer reaches 00.00 it will beep and reset to the initial setting. Touch  to restart.
- 5) Touching the  before it reaches 00.00 resets timer to its initial setting.

**B) CYCLE TIMER:** This timer mode is similar to the above Period Timer, but when it counts down to 00.00, it will reset itself to the set time and automatically cycle again. This will continue until you reset or stop the timer.

- 1) Touch  until the CYCLE TIMER is displayed.
- 2) Touch  and minutes will begin to flash. Use   arrows to select from 0 to 99 minutes. Touch  to switch to seconds. Use   arrows to adjust from 0-59 seconds and touch  to select.
- 3) Touch the  button to start or pause the cycle timer.
- 4) When the timer reaches 00.00 it will beep, reset to the initial setting and automatically restart its countdown.
- 5) Touching the  button before it reaches 00.00 resets timer to its initial setting. Touch the  to restart timer.

**C) STOPWATCH:** This timer mode is used when test bending. Use the stopwatch to get that ideal heating time before using the period or cycle timers.

- 1) Touch the  until the STOPWATCH is displayed.
- 2) Touch  to start the timer. Touch  to stop the timer.
- 3) Touch  to set stopwatch back to 00.00

**Information Menu:** Touch  and use   arrows to page through Quick Guide, touch  to exit.

- 1) FTM Contact information
- 2) Heater Overload
- 3) Cycle Timer
- 4) Period Timer
- 5) Max Heat
- 6) Setting and Adjusting Heat Trays
- 7) Versions: Hardware/Firmware

<b>ELECTRICAL INFORMATION</b>	
Control.....	Solid State Micro Processor
Maximum Load.....	120V – 1800 Watts.
Input Voltage.....	120V AC, 60 Hz.
Voltage Control Range.....	0 to 120 Volts.
Fuse.....	15 amp, 120V