Eurotherm 3504 Quick Start Instructions

When the Eurotherm 3504 controller is powered on for the first time, a quick start menu will appear. The screen will display "GoTo" and "QckStart". The following instructions should be used for the quick start set-up.

1. Press the Ꮚ key – "Units" will be displayed in the lower menu
2. Use the ▲ ▼ keys to adjust to the preferred temperature unit setting '°C' or '°F'.
3. Press the Ꮚ key – "Resolution" will be displayed in the lower menu
4. Use the ▲ ▼ keys to set the resolution to 'XXXXX'.
5. Press the Ꮚ key – "Range Type" will be displayed in the lower menu
6. Use the ▲ ▼ keys to set the thermocouple type to the thermocouple type used on the furnace. Deltech normally uses 'K', 'R', 'B', 'S', or 'T025'.
7. Press the Ꮚ key – "IO Type" will be displayed in the lower menu
8. Use the ▲ ▼ keys to set the IO type to 'Thermocouple'.
9. Press the Ꮚ key – "Range HI" will be displayed in the lower menu
10. Use the ▲ ▼ keys to set the resolution to the high temperature range. Use the following table as a guide:

1815	DT-33 or DT-36
1706	DT-31
1595	DT-29
1200	DT-22
1100	DT-20
1000	DT-18

11. Press the Ꮚ key – "Control Channel 1" will be displayed in the lower menu
12. Use the ▲ ▼ keys to set the control type to 'PID'.
13. Press the Ꮚ key several times until "DC Output" is displayed in the lower menu
14. Use the ▲ ▼ keys to set the output to 'LP1CH1OP'.
15. Press the Ꮚ key several times until "Exit" is displayed in the lower menu
16. Use the ▲ ▼ keys to set the lower menu to 'Yes'.
17. Press the Ꮚ key