MODEL 5000
USER’S MANUAL

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Overview

The Model 5000 controls temperature, carbon, and quench with a touch screen operator interface.

There is an indicator light on the top of the enclosure. When a cycle is running, the green light will be lit. Once the cycle finishes, the yellow light will be lit. If there is an alarm, the red light will be lit. More than one light can be lit at a time. On the front of the enclosure there is a horn and a bell. The horn will sound for alarms while the bell will sound for the end of a cycle. There are two green indicator lights on the front of the enclosure. The green light on the left is lit when atmosphere gas is enabled. The green light on the right is lit when Event 1 is running. The three red switches allow the operator to silence alarms if the unit is alarming. On the left is a switch for a Furnace Overtemp alarm. In the middle is a switch for Alarms 1 and 2. On the right is a switch for the Quench Overtemp.

For information on the touch screen operator interface, please reference the *Series 9205 Operational Manual*. For information on the overtemp controllers, please reference the *7SL High Limit* manual. For information on the temperature controller, please see the *7EK Temperature Controller* manual.
Spare Parts

The following is a list of spare parts recommended for the Model 5000.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>31135</td>
<td>Power Supply 24V DC</td>
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<tr>
<td>32123</td>
<td>24V DC Isolation Relay</td>
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<td>32117</td>
<td>24V DC Isolation Relay Sockets</td>
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<td>13339</td>
<td>Utility Software</td>
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<td>13335</td>
<td>Flash Card</td>
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<td>13333</td>
<td>Flash Card Reader</td>
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<tr>
<td>13443</td>
<td>9205 Controller</td>
</tr>
<tr>
<td>13448</td>
<td>5.7” Operator Interface</td>
</tr>
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<td>31042</td>
<td>Model 7SL Hi-Limit</td>
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<td>31080</td>
<td>Model 7EK</td>
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Model 5000 Electrical Drawings and Plumbing Connections
**Revision History**

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<th>Rev.</th>
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<td>-</td>
<td>Initial Release</td>
<td>5-8-2012</td>
<td>2098</td>
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