

## TROUBLE SHOOTING

**CAUTION:** THE FOLLOWING MAINTENANCE REQUIRES ACCESS TO THE CIRCUIT BOARD ASSEMBLY AREA. THE POWER CORD MUST BE UNPLUGGED FROM THE POWER OUTLET TO ELIMINATE ANY SHOCK HAZARD BEFORE THE FOLLOWING STEPS ARE UNDERTAKEN.

PROBLEM	PROBABLE CAUSE	SOLUTION
Muffle does not heat, no lights illuminated	<ol style="list-style-type: none"> <li>1. No power supplied to unit</li> <li>2. Blow fuse F1</li> <li>3. Circuit board not functional</li> </ol>	<p>Check power to your AC receptacle</p> <p>Replace fuse 1A P/N: 9320071</p> <p>Replace circuit board P/N: R9494084 (115V) P/N: R9494085 (230V)</p>
Muffle does not heat: tone sounds every second and/or lamp (in dial) flashes every second and meter reads room temp	<ol style="list-style-type: none"> <li>1. Thermocouple not tightened to pyrometer</li> <li>2. Thermocouple burned out (open)</li> <li>3. Circuit board not functional</li> <li>4. Burned out muffle.</li> <li>5. Wiring problem</li> <li>6. TC shorted.</li> </ol>	<p>Check TC wires on pyrometer.</p> <p>Replace thermocouple P/N: 9490573</p> <p>Replace Circuit Board P/N: R9494084 (115V) P/N: R9494085 (230V)</p> <p>Replace muffle P/N: 9490567 (115V) P/N: 9490585 (230V)</p>
Muffle heats continually with muffle temperature greater than the set temperature	<ol style="list-style-type: none"> <li>1. Faulty triac</li> <li>2. Circuit board not functional</li> </ol>	<p>Return unit to DENTSPLY Ceramco</p> <p>Replace circuit board P/N: R9494084 (115V) P/N: R9494085 (230V)</p>
Meter disagrees with set point more than 50°C	<ol style="list-style-type: none"> <li>1. Out of calibration</li> </ol>	<p>Calibrate meter as per instructions.</p>