

Table 3.6 Common Operational Problems And Solutions

PROBLEM	PROBABLE CAUSE	POSSIBLE SOLUTION
<p>No power, nothing works.</p> <p>Power is on, controller accepts trigger, motor spindle fails to rotate and motor makes a sound that fluctuates in tone. * This condition does not harm the system.</p>	<p>AC power may be absent or inadequate. Unit not plugged in.</p> <p>Fuse is blown.</p> <p>Supply Breaker is tripped.</p>	<p>Ensure AC power cord is plugged into a properly grounded three-prong outlet capable of supplying 115/120 volts, 60Hz, rated at 5.0 amps.</p> <p>Unplug main power cord from outlet. Remove fuse from rear panel fuse holder. Test fuse conductivity. Install good fuse in rear panel fuse holder.</p> <p>Check or reset breaker at panel.</p>
<p>Power is on, controller accepts a trigger, (START indicator illuminates, STOP indicator does not), motor spindle fails to rotate, and motor is silent.</p>	<p>A pump module or motor malfunction can cause this problem.</p> <p>A motor malfunction can cause this problem.</p>	<p>Turn off controller power. Remove pump module from motor/base module. Turn on controller and try again.</p> <p>If the motor operates correctly, the pump may need to be cleaned or serviced.</p> <p>Turn off controller power. Check to ensure motor/base module is properly connected to controller. Turn on controller and try again. If the motor operates incorrectly, servicing may be necessary to the motor or the controller. Return complete controller, motor/base and pump modules to IVEK Corporation for repair.</p>
<p>Controller power on and operational, but will not actuate pump motor.</p>	<p>I/O Cable</p>	<p>Check the cable connection between the Controller Module and motor/base module. Inspect and repair faulty cable.</p>
<p>The XXXX function button is not visible.</p>	<p>Permission level - confirm level on SETUP A screen.</p> <p>Configurable Input 2 - Confirm current configuration on SETUP B screen.</p> <p>Inhibited by Serial Interface - Confirm current Lock Front Panel configuration using the 'k1' command.</p>	<p>Change permission to a higher level.</p> <p>Apply signal to LOGIC I/O input 2 or change function of Input 2.</p> <p>Change value of 'k1' command.</p>
<p>Power is on, Controller Module accepts a trigger, arrow pushbuttons do not function.</p>	<p>Permission level is Operator - Confirm level in Setup A screen.</p>	<p>Change permission level to Supervisor. In Setup A screen, press Change Permission key, type in password, press enter.</p> <p>If none of the above solves the problem, contact IVEK technical support for assistance.</p>