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| IF… | Then… | Notes… |
| **Condition Lamp Illuminates,** | Run condition routine. | Recommended when machine has not been used regularly. |
| **Cooling Required Lamp Illuminates,** | * Do not operate machine, wait until light goes out * Ensure environmental conditions are good and there are no restrictions of the air flow to the cooling fans. | * The tank temperature of the coolant has exceeded a pre-set temperature. * The operating environment is overly warm or there is lack of sufficient air circulation. |
| **Canister holders do not swing freely,** | Do not use, contact Biomed | Contact Rad Source Technologies at( 678) 765-7900 and email service@radsource.com if needed |
| **Buzzer does not sound and indicator light does not illuminate at the end of cycle** | Quarantine products and write up an occurrence form | * Products did not receive required irradiation and are not to be considered irradiated. * Contact Biomed and Rad Source (678) 765-7900 and email service@radsource.com |
| **E-Stop button is pushed** | Quarantine products and write up an occurrence form | * Reset button by pressing the button in, then turn clockwise. * Products did not receive required irradiation and are not to be considered irradiated |
| **Fault Lamp Illuminates prior to cycle start,** | Check that door is properly closed. |  |
| **Fault Lamp Illuminates during a cycle,** | Do not open door do not turn the key, do not turn machine off. | There is a fault of the machine’s monitored components, see TS 10.8 Irradiation of Blood Products-Mpls to clear this fault.  **NOTE: If more than 4 Faults happen during a cycle the blood products need to be quarantine.** |
| **“NOT” is not blackened out on Rad Sure** | * Do not use products, quarantine current box of indicators and complete internal occurrence form | * Products did not receive required dose of irradiation discard * Notify technical specialist to start an investigation of the irradiator and indictors. |
| **Rad Sure® was not place on unit prior to irradiation,** | Quarantine components and complete internal occurrence form |  |

**RS 3400 Irradiator Troubleshooting Guide**

**Rad Source Service Contact information**

**678-765-7900**

**Service@radsource.com**