

Alarm 35: Cool fault

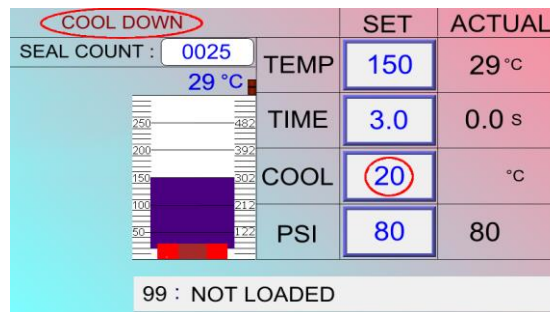
The cool phase is monitored by this alarm. If it takes too long to cool this alarm will be triggered.

This alarm is controlled by COOL-AT TMO on the delays screen. MENU\HMI SYSTEM\DELAYS
Value range 0 – 99.99. The default is 98.90 seconds.

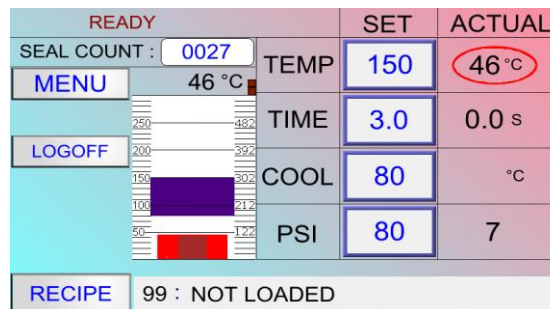
This alarm is disabled when all alarms are disabled.
This alarm can not be disabled independently.

Cause

1. The cool temperature may be set too low.

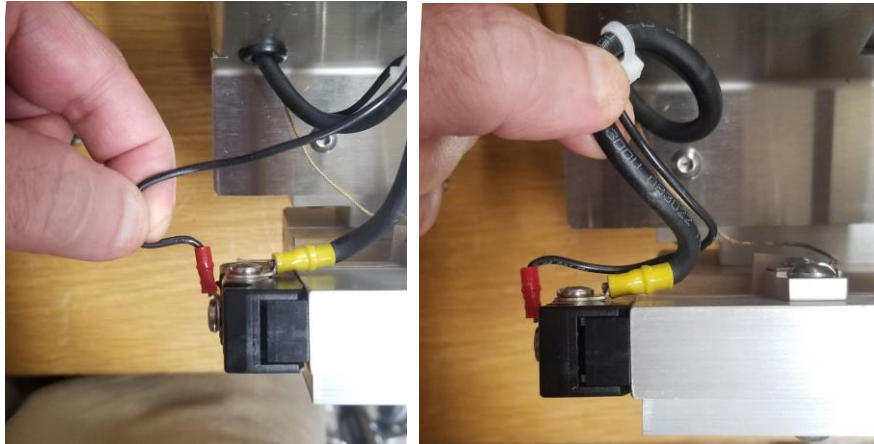


- a. set the cooling temperature to a more appropriate value.
2. Actual temperature may be incorrect.

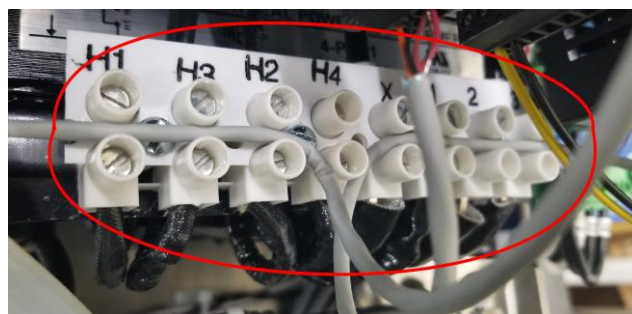


- a. Let the sealer sit for 60 minutes or more, Compare the actual temperature with the room temperature. If the temperature deviates more than 5 degrees C, an Autocal should be performed to correct the temperature.

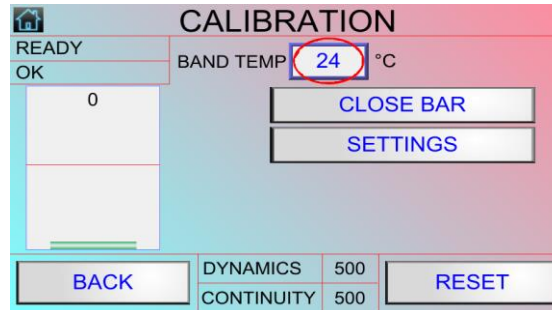
3. Actual temperature may be unstable.



- a. Let the sealer sit for 60 minutes or more, Compare the actual temperature with the room temperature. With the sealer idle, grab and wiggle each seal wire while watching the actual temperature on the screen. It should not deviate by more than 3 degrees C. If it does, either the ring is loose or the ring is bad and will need to be replaced.
- b. If the temperature is still unstable and the rings are good, Then the sealer will need to be opened and each terminal in the sealing circuit will need to be checked for tightness. (Disconnected from outlet)



4. Thermocouple may not be reading correctly. This would only affect Autocal as the thermocouple is not being used for the sealing cycle.



- a. Let the sealer sit for 60 minutes or more, or first thing in the morning.
- b. Go to MENU\CALIBRATE and observe the BAND TEMP.
This is the thermocouple on the machine, and it should be close to the temperature of the room.
- c. If not, replace the thermocouple. If it is still not correct, make sure the thermocouple is a type K thermocouple type C01 or a thin film equivalent.
- d. Lastly if the thermocouple is good but the temperature is still off, the thermocouple expansion card may need to be replaced.



Disconnect all electrical and compressed air sources from the Heat Sealer before doing any maintenance work. Only qualified technicians should perform this work. Improper installation of the components may result in serious personal injury and damage to equipment. Call PackworldUSA Ltd if further information is needed.