

## Shutting down a machine? Prepping for Summer Maintenance? Prepare to be Pro-Active NOT Reactive!



### Time to check for heating issues

#### **Check for issues with your Thermocouples**

A properly handled and installed thermocouple will provide years of service life under normal conditions. However, if you suspect that you have a defective thermocouple, the best way to evaluate a used thermocouple is to place a new, or known good thermocouple adjacent to the suspect one in order to compare and document readings between both.

Make certain that the thermocouple that you have in question is of the same match, style and calibration type for the application / equipment that you are using.

If the Leads on your thermocouple are reversed, the temperature measured will show to be varying in the opposite direction relative to ambient temperature. Make sure they are not reversed.

Probe looking for any pin holes, cracks, and areas with discoloration indicating internal contamination issues.

Check a thermocouple with a standard volt meter set to the Ohm's / Continuity function by checking across the positive and negative leads, in order to determine if the probe circuit is open or not.

Make sure that the wiring is protected with insulation and is not damaged or broken anywhere in the circuit.

**And, if you have an issue with a thermocouple, and have a question, please feel free to reach out to our technicians anytime.**

For questions or help resolving your issues,

**sales@acetronic.com**

**1.800.803.8871**

## **Check your Cartridge Heaters**



Check your heaters to ensure proper heat transfer and examine for uneven heating.

Locate heater wells in an unrestricted space in the main body of the liquid. The heated section of the well should be covered by liquids at all times.

In metal-melting applications, explosions can result unless pressure is vented during melting phase of heat-up.

**And, if you have an issue with a cartridge heater, and have a question, please feel free to reach out to our technicians anytime.**

## **Shop Cartridge Heaters**

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## **Check your Mica Band Heaters**



Ensuring the bolts are tightened regularly to ensure contact of the heater against the heated surface. Loose heaters will fail prematurely if not properly installed.

Check the machine barrel OD and order band heaters with the same measurement. Ensure a tight fit.

Snug up the heater, rotate it radially on the barrel seating, and then tighten the clamps in an alternate fashion at ambient temperatures and retighten at setpoint temperature. If the setpoint temperature is high, tighten at ambient,

tighten again halfway to setpoint, and again at setpoint.

**And, if you have an issue with a band heater, and have a question, please feel free to reach out to our technicians anytime.**

### **Shop Mica Band Heaters**

For more information, contact  
**sales@acetronic.com**  
**1.800.803.8871**

## **Check Around for Old Controllers Swap them for New Controllers**

We invite you to join us in doing your part to foster a circular economy, finding uses for our industries waste and reducing the amount that goes to landfill or worse, sent in a container to a distant location for disposal.

**We'll give you \$25 OFF the purchase of a new controller, when you return your old controller to us for disposal.**



**JOIN US IN DOING YOUR PART  
TO FOSTER A CIRCULAR ECONOMY**



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## **How to Eliminate Uneven Heat**



## How to Clean your Mold



**NEW - BETTER BUILT MANIFOLD**

# Protect your flowmeter from accidental damage during the cooling process.



Install the TracerVMDuraGuard on any new manifold assembly with 3/8" or 1/2" TracerVM flowmeters with standard spacing of 2" on centers to ensure **corrosion resistance and protection of your valuable assets.**

The DuraGuard is made of sturdy, 14 gauge stainless steel and doubles as cable management for your meters while presenting a clean cooling water package in your injection molding machine, specialty furnace or other industrial cooling process.

The **DuraGuard** may be ordered in two or eight-port configurations to accommodate manifolds with even numbers of ports. End plates with cable openings can be moved to either end of the cover for ease of installation and maintenance.

For more information, contact  
**sales@acetronic.com**  
**1.800.803.8871**

## ULTRA-LYTE



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at a Microscopic Level --  
Killing bacteria rapidly**

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**1.800.803.8871**

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