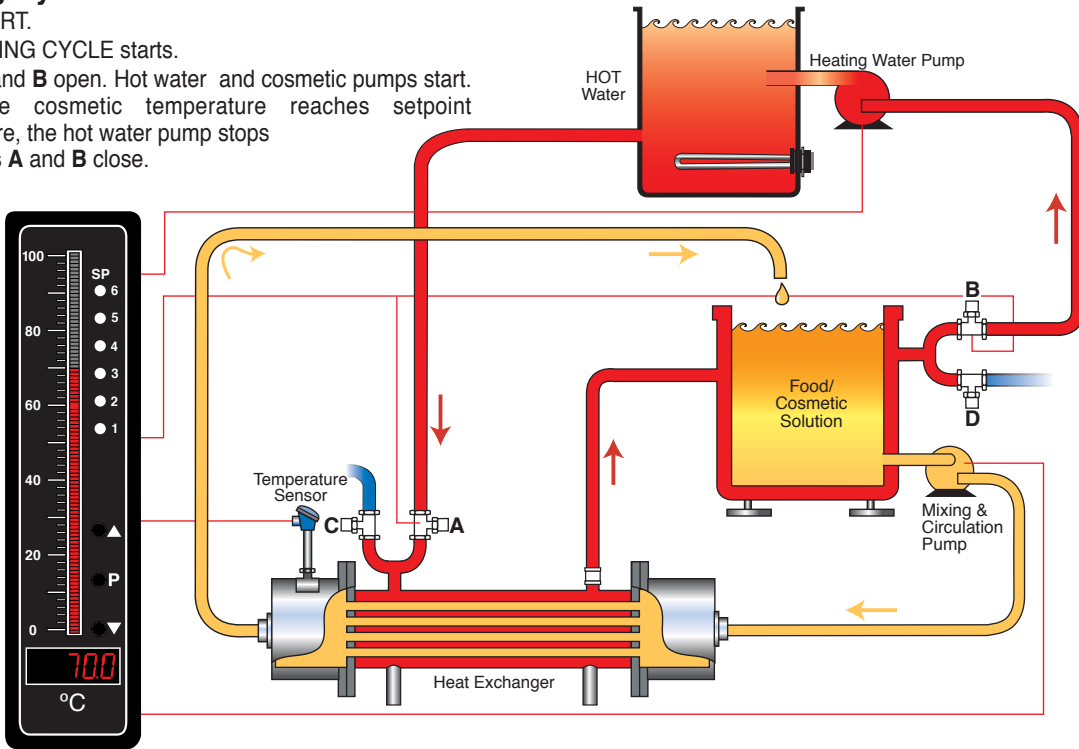


Our customer requires an energy efficient method of gently heating and cooling viscous solutions to assist the mixing process in the food and cosmetic industries.

Texmate installed a Tiger 320 Series tri-color bargraph controller to automate the process and identify the heating and cooling cycles.

Heating Cycle

Press START.
The HEATING CYCLE starts.
Valves **A** and **B** open. Hot water and cosmetic pumps start.
When the cosmetic temperature reaches setpoint temperature, the hot water pump stops and valves **A** and **B** close.



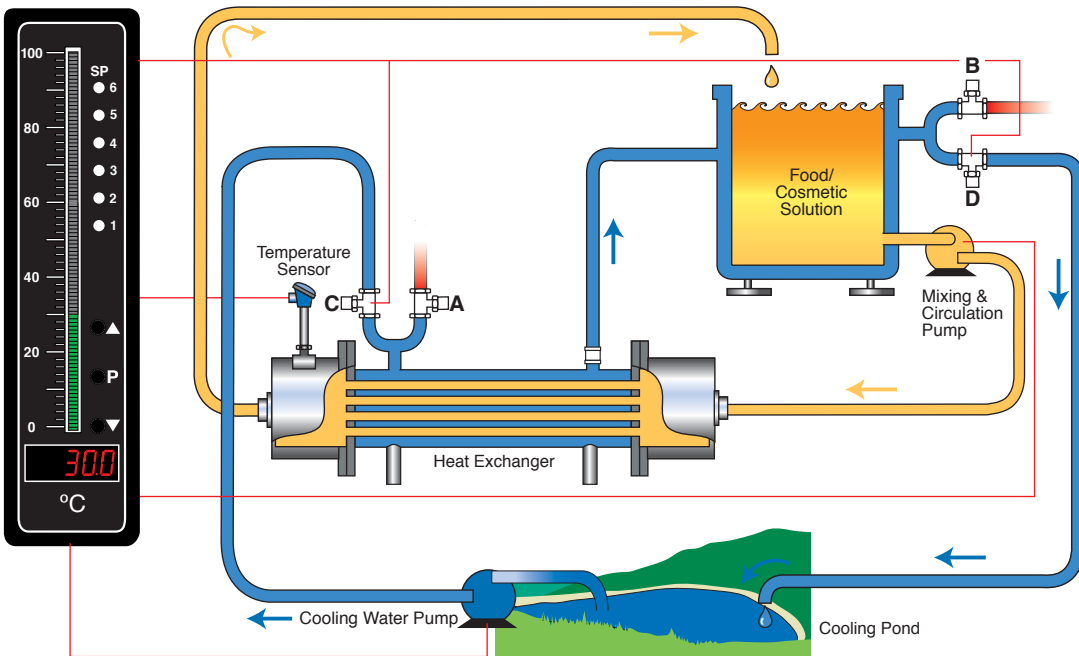
APPLICATION FUNCTIONS

SPECIAL	<input type="checkbox"/>
RELAY OUTPUTS	<input checked="" type="checkbox"/>
TIMERS	<input checked="" type="checkbox"/>

Cooling Cycle

The COOLING CYCLE starts.
The bargraph changes to GREEN. Valves **C** and **D** open. The cold water pump starts. When the temperature reaches the LOW setpoint, the display scrolls:

PROCESS COMPLETE



SEQUENCE CONTROLS

SEQUENCE CONTROLS	<input type="checkbox"/>
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TEXT MESSAGING

TEXT MESSAGING	<input checked="" type="checkbox"/>
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INPUTS

SPECIAL	<input checked="" type="checkbox"/>
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Suggested Ordering Code Options for This Application

Basic Order Codes	Comments
FI-B101D50T-VTR-PS1-IT01-OR46	Tri color Bar and scrolling message on digit.
Note: Custom Smart App required. Charges vary depending on application. Contact Texmate.	

TEMPERATURE T/C, RTD