

Plating Control

Plating

The customer has an application that requires to:

- Display Amps from a DC shunt.
- Display and control from dual totalized amp/hrs.

The amp/hrs from totalizer 1 operate Setpoint 1. At programmed amp/hr intervals, a pump starts for a programmed On-time to pump replenishment chemicals to the plating tank.

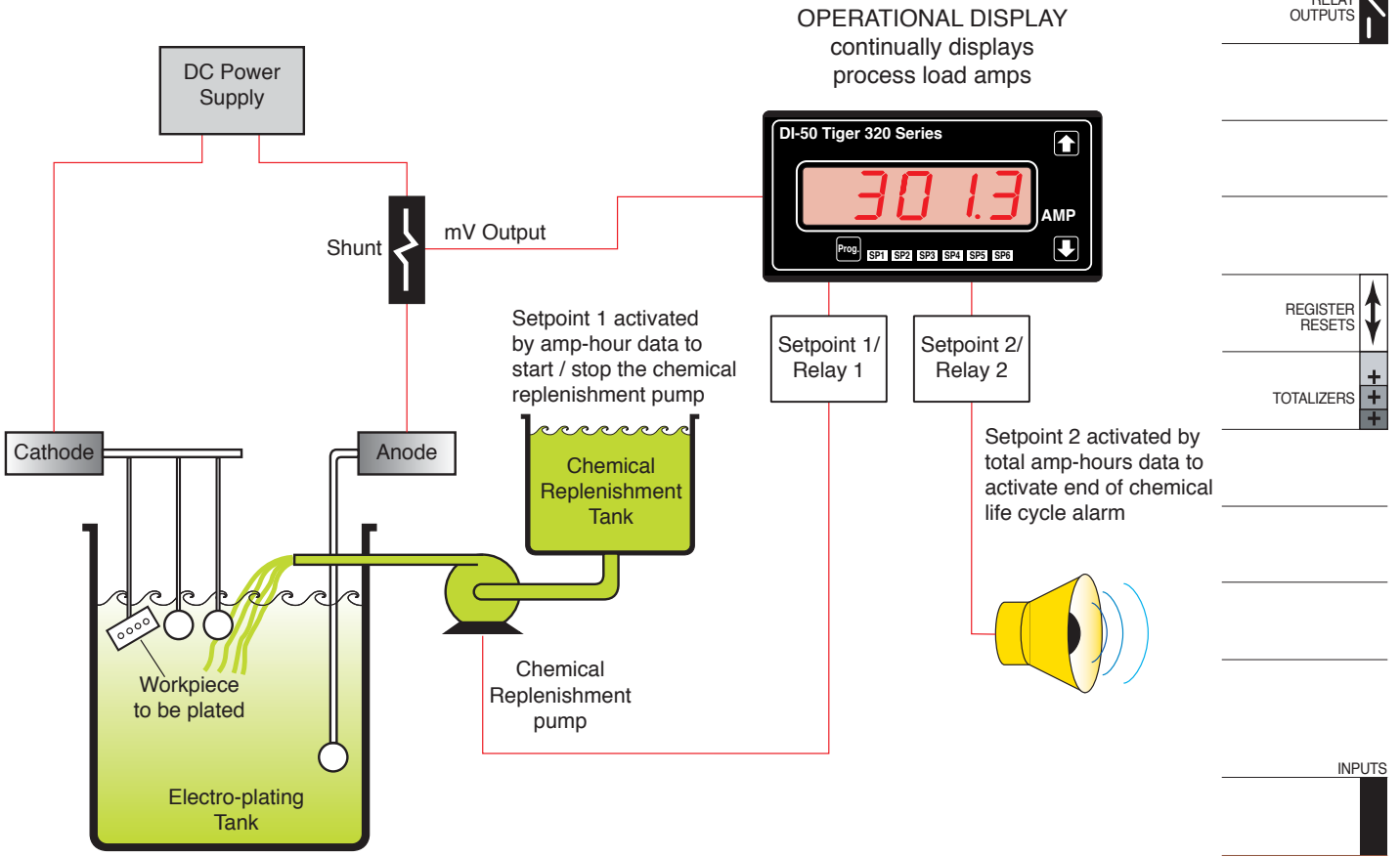
When Setpoint 1 energizes, totalizer 1 resets to 0, the pump cycle starts, and the amp/hrs totalizer 1 restarts.

The amp/hrs from totalizer 2 operates Setpoint 2.

The chemical has a total life cycle calculated in DC amp/hrs, Setpoint 2 operates an alarm advising the operator when the chemical life has been exceeded. When the chemical is changed a reset button is pressed and totalizers1 and 2 are reset to 0.



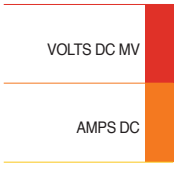
ELECTRO PLATING AND CHEMICAL PROCESSING



APPLICATION VARIATIONS

- Scroll **CHANGE CHEMICAL** across display.
- Scroll **REPLENISHMENT On** across display.

- Use 6 digit alpha numeric display for better legibility.
- Operational Display "flashes" when replenishment pump On.
- Temperature control.
- Individual job Amp Hrs On time.
- Automate process On time and wash cycle.
- Use Texmate DI-503 three display controller.



Suggested Ordering Code Options for This Application

Basic Order Codes	Comments
DI-50E-DR-PS1-ID02-OR12	Single display to show Amp Hours.
DI-503E-DR-PS1-ID02-OR12	Three display to show Amps, Totalizer1 and Totalizer2