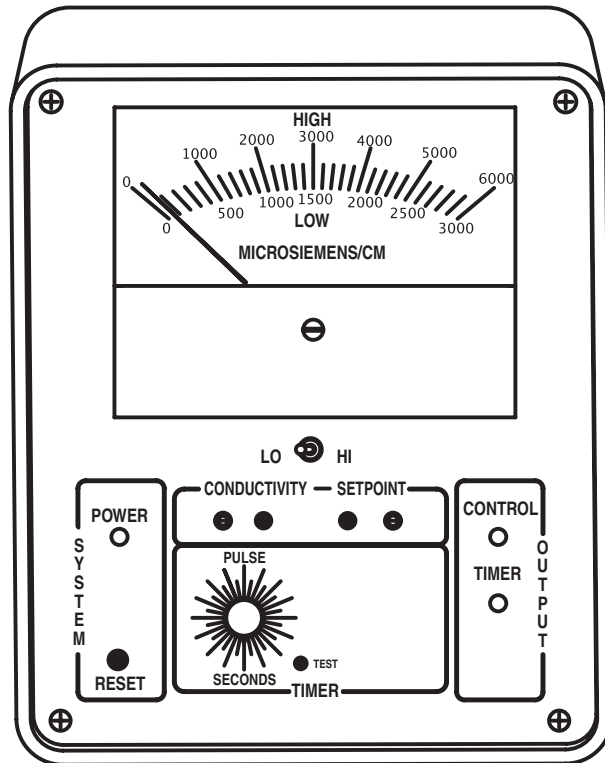


## A540 Cooling Tower Conductivity Controller



### Front Panel Description

- CONDUCTIVITY METER:** Used to read and set the conductivity and valve set.
- LO/HI SCALE switch:** Used to select the Low (0-3000  $\mu\text{S}/\text{cm}$ ) or the High scale (0-6000  $\mu\text{S}/\text{cm}$ ) as the operating range.  
**Note: Unit is factory calibrated for the High scale.**  
**Note: The high and low scale positions use independent calibration resistors. It is therefore necessary to re-calibrate the unit when changing scales.**
- POWER LED:** Lights whenever power is supplied to the controller.
- CONDUCTIVITY CAL screw:** Used to change the current conductivity reading. To use, adjust the screw to the left or right to achieve the conductivity you desire.
- TEST button:** Used to test the conductivity circuit. When the switch is pushed and held in the down position, it simulates a full scale conductivity reading. This switch also activates the control relay.
- SET POINT READ button:** Depress push button switch to read the set point.
- SET POINT ADJ screw:** Used in conjunction with READ switch to adjust set point of controller.
- CONTROL LED:** Lights whenever the conductivity exceeds the set point.