

Sacrificial Anode Control/Test Station

The **IRT Sacrificial Anode Control/Test Station** was primarily designed for the water storage tank industry but can be used in conjunction with a pipeline or other sacrificial anode system. This test station allows for the easy adjustment of the DC current being generated by a sacrificial anode Cathodic Protection (C.P.) system. It is equipped with a digital meter and switches to facilitate display of the C.P. current and the structure-to-reference electrode potential voltage from either of the two reference electrode inputs. It includes provision for momentary interruption of the anode generated current, which allows for an "IR-Drop Free" potential reading. This test station provides all-in-one control and monitoring with no external meters required.

FEATURES

- 14"(H) X 12"(W) X 6"(D) Type 4X enclosure; with superior UV protected fiberglass reinforced polyester (FRP) construction (other enclosure types optional); stainless steel hardware; single lockable door; wall or frame mounting (pole mounting optional)
- Removable phenolic instrument panel
- Electrical hardware is brass or copper with electroless nickel plated finish
- Electrical connections are double-nutted
- Anode Current Adjustment Section:
 - 4-14 AWG terminals for connection of (1) sacrificial anode lead and (1) structure lead
 - 2A-200mV current monitoring shunt
 - 100 Ohm-100 Watt variable rheostat (for anode current adjustment)
 - Momentary "Off" switch (allows the anode(s) to be temporarily disconnected, so that an "instant-off" C.P. potential can be obtained)
- Structure/Reference Electrode Input Section:
 - 4-14 AWG terminals for connection of (2) reference electrode (/cell) leads and (1) structure sense lead
 - Reference electrode (/cell) selector switch
- Current/Potential Monitoring Section:
 - 3.5 digit LCD meter (+/- 0.1% accuracy, internal impedance >10 MOhms)
 - 9 volt meter battery
 - Current/Potential selector switch (for selection of monitoring either the anode system DC current or structure-to-reference electrode (/cell) potential)
- Operating ambient: 0° to 40°C (32° to 104°F)
- Packaged weight: 14 lbs.



Products to protect your assets and our environment!



MODEL (/ ORDERING) CODE: CTBF_x-1/2-AAWXH-100-100

