

CERANODE INTERNAL WATER STORAGE TANK ANODE

CerAnode's Internal Water Storage Tank (WST) Anode provides long-term impressed current cathodic protection (ICCP) for potable and industrial water storage tanks. Manufactured using MMO-coated titanium anode wire, the WST delivers stable current distribution, durability under continuous immersion, and extended service life.

The same anode assembly is used in both vertical (suspended) and horizontal (buoy-supported) configurations, with stabilization and mounting components selected based on tank geometry and project requirements.

Features:

- Designed for continuous immersion in potable and industrial water environments
- SWGconnect™ circumferentially swaged cable-to-anode connection
- MultiSeal™ dielectric isolation for long-term moisture and oxygen resistance
- Standard 8 AWG Halar/Kynar CP cable
- Factory-assembled anode, cable, and stabilizing components
- Suitable for vertical suspended and horizontal buoy-supported configurations

Advantages:

- Provides uniform current distribution for effective ICCP protection
- Design life exceeding 20 years
- Stable electrochemical performance in potable and industrial water
- Durable MMO-coated titanium construction
- Ultra-low resistance cable-to-anode connection
- Mechanical strength exceeding specified cable ratings
- Adaptable to tank geometry and customer design requirements
- Low-maintenance corrosion protection solution





MMO ANODE SYSTEM FOR IMPRESSED CURRENT CATHODIC PROTECTION OF STEEL WATER TANKS

Specifications:

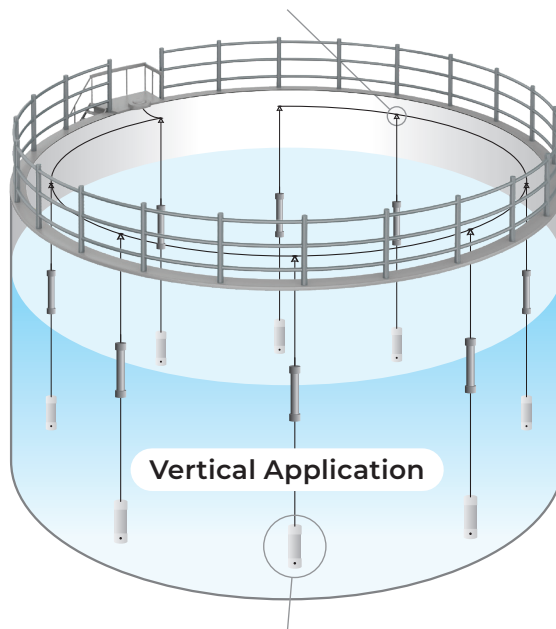
- 1.5/3 mm diameter solid CP Grade 1 titanium anode wire
- ASTM B863
- CC-TIR MMO Iridium-Tantalum catalyst
- 8 AWG Halar/Kynar CP cable standard
- SWGconnect™ circumferentially swaged
- Electronic resistance < 500 micro-ohms
- MultiSeal™ 4-layer dielectric isolation
- Vertical: encapsulated dielectric end weight, clevis, and hand hole cover
- Horizontal: float buoy, wall attachment hardware, and tethering options

Applications:

- Municipal potable water storage tanks
- Fire protection water storage systems
- Industrial and process water tanks
- New construction ICCP systems
- Retrofit corrosion protection upgrades

Mounting hardware

Single-bolt roof mounting secures the anode, clevis, and handhole cover with a corrosion-resistant seal.

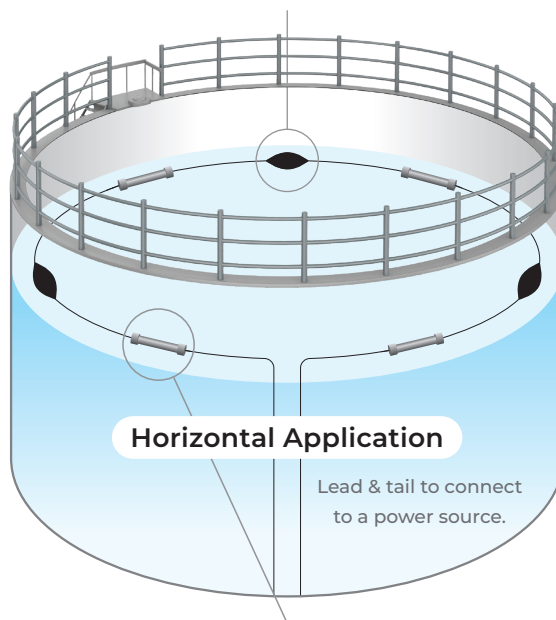


Dielectric End Weight

Encapsulated and sealed to prevent corrosion and maintain integrity beyond the anode's design life.

Buoys

Device used to keep the anode system afloat.



Encapsulated Anode Connection

Anode encapsulated in sealed cannister to prevent corrosion.