YUXI

# POWERED WATER HEATER ANODE ROD

PRODUCT DATA SHEET

AMPP CORPORATE MEMBER

www.yuxi-anode.com

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# POWERED WATER HEATER ANODE ROD

Different from traditional sacrificial anodes which degrade themselves to protect the water heater tank, this powered anode rod is definitely the most economical and effective option for prolonging the life of water heater tank, as well as softening water and removing the dirt.

The anode rod is made with high-tensile titanium coated with Ir–Ta mixed metal oxide catalyst. It is a stable material with low consumption rate, ensuring more than 20 years lifespan. Activated by the electrical current, it gives enough electrons to protect the steel water heater tank steadily and continuously. It does not need to be changed with frequent intervals as a traditional anode rod does.

**Permanent Corrosion Protection**

Because the titanium substrate is naturally passivated by an oxidizing film, the rod anode remains dimensionally stable over time. Relying on infinite source of impressed current, this powered anode rod can provide maximum corrosion protection regardless of water hardness.

**Odor Elimination**

Once the system is operational, the powered anode rod will remove the “rotten egg” smell caused by hydrogen sulfide within 24 hours.

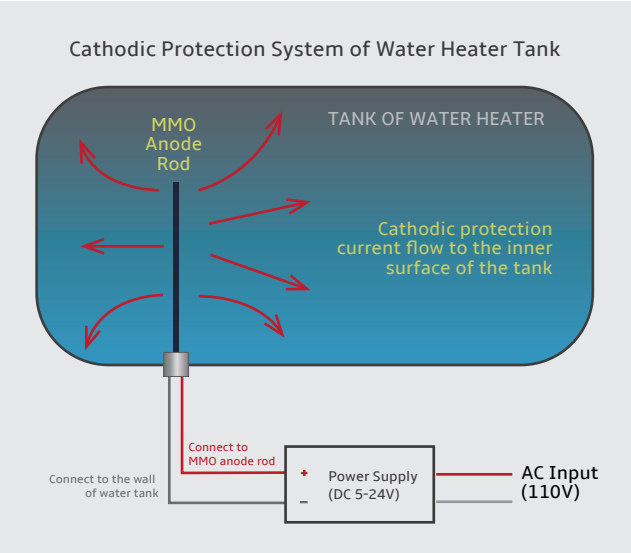
**Limescale Reduction**

By destabilizing the calcium molecule found within the water, it can improve the water quality and reduce mineral accumulation on the tank which may cause significant energy losses.

**Automatic Adaption**

The embedded potentiostat can measure the returning current and adjust the output voltage automatically to avoid overprotection of the water heater tank. No matter if water comes from the city or a well, it adapts to the type of water present in the tank for optimal protection. No maintenance required, even if used with a water softener.

| Item No. | Tank Volume | Rod Length | Current Output |
|---|---|---|---|
| YX-EWH-40 | 10 ~ 39 Gallon | 30cm (11.8”) | 5 mA |
| YX-EWH-90 | 40 ~ 89 Gallon | 30cm (11.8”) | 15 mA |
| YX-EWH-120 | 90 ~ 120 Gallon | 48cm (18.9”) | 15 mA |
| YX-EWH-RV | For RV (suburban) | 30cm (11.8”) | 5 mA |



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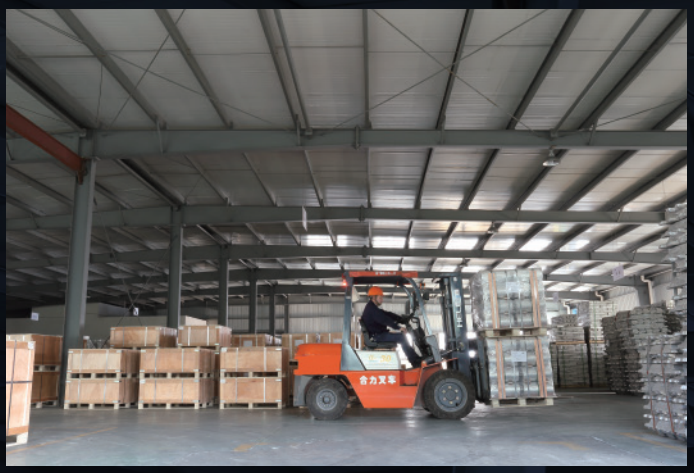

# Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.

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