



MMO Copper Cored Titanium Anode

YUXI provides Copper Cored Titanium wire anode which is made of copper/titanium substrate coated with MMO ($\text{IrO}_2/\text{TaO}_5$) coating, the copper core as an conductive wire, outer MMO coated titanium as the anode part.

Copper Cored Titanium Anode can be custom shaped as wire, rod, or packaged with coke breeze as linear anode. It has excellent performance characteristics with very little wear and dissolution of the metal oxide coating.

A low consumption rate of the electrocatalytic layer operating at recommended current densities for CP applications enables a product lifetime of over 20 years in underground, brackish, seawater and concrete environments.

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APPLICATION

- ▶ Underground Storage Tanks
- ▶ Above Ground Storage Tanks
- ▶ Ground beds
- ▶ Pipeline
- ▶ Electrical Cable Shielding
- ▶ Water Treatment Equipment
- ▶ Canister Wire Anode
- ▶ Water intake structures

FEATURES

- ▶ High current output
- ▶ Low coating wear rate
- ▶ Five year product warranty
- ▶ Different shapes available
- ▶ Can be fabricated as probe or linear anode
- ▶ High conductivity

CHEMICAL COMPOSITION

Anode	MMO Copper Cored Titanium Wire
Substrate	Copper Cored Titanium wire with Φ1.5mm, Φ3mm
Coating	Ir-Ta Mixed Metal Oxide Catalyst Ir-Ru Mixed Metal Oxide Catalyst

SPECIFICATIONS

Anode	Non-Wire Size	Diameter Tolerance		Titanium		Copper		Active Surface Area		Weight
		Model	mm	inches	% by Wt.	% by Vol.	% by Wt.	% by Vol.	Ft ² /ft of length	
YX-CTW-1.5	+0.15 -0.00	+0.007 -0.000	31	47	69	53	0.0155	0.0047	0.008	12.2
YX-CTW-3.0	+0.28 -0.00	+0.010 -0.000	15	25	85	75	0.0309	0.0094	0.037	66.4