



## **IrO<sub>2</sub>-Ta<sub>2</sub>O<sub>5</sub> Coated Titanium Electrode Tube**

Iridium tantalum oxide coated are considered optimum choice as anodes in various industries for its strong corrosion resistance in acid environment, low overpotential for oxygen evolution, great physical stability and its environmental safety. Compared with traditional electrodes, Ir-Ta MMO electrodes presence better electrochemical stability under sulfate/chloride environment and longer service life.

Accumulated decades of coated titanium electrode technology, YUXI kept providing our clients with high quality Ir-Ta MMO electrode regarding multiple oxygen-evolution systems. YUXI electrodes have been applied to industries like copper foil production, electroplating, cathodic protection, organic synthesis, acid solution electrolysis, electrowinning, etc.

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## APPLICATION

- ▶ Copper Foil Production
- ▶ Cathodic Protection
- ▶ Waste Water Treatment
- ▶ Copper Electrowinning
- ▶ Organic Synthesis
- ▶ Metal Surface Treatment
- ▶ Electrodialysis



## FEATURES

- ▶ Highly stable even under acid environment;
- ▶ Great current efficiency;
- ▶ Low overpotential for oxygen evolution;
- ▶ Long service life expectancy;
- ▶ Reusable substrate;

## SPECIFICATIONS

<b>Electrode Substrate</b>	Titanium ASTM B338-2017 Gr1/2
<b>Coating Composition</b>	IrO <sub>2</sub> , Ta <sub>2</sub> O <sub>5</sub>
<b>Working Temperature</b>	<60°C
<b>Working PH Environment</b>	1-12
<b>Current Capacity</b>	<12000 A/m <sup>2</sup>
<b>Dimensions</b>	Customized