

Mixed Metal Oxide Coated Titanium Anode for Electrolysis

This mixed metal oxide (MMO) coated titanium anode is designed for electrochemical processes. It is suited for applications such as alkaline water electrolysis.



Overview

High-Performance MMO Titanium Anodes

These Mixed Metal Oxide (MMO) coated titanium anodes are engineered for demanding electrochemical processes, offering exceptional corrosion resistance and long-term durability. The titanium substrate provides robust mechanical strength and conductivity, while the advanced MMO coating significantly enhances electrochemical activity. Designed for reliability, these anodes are ideal for industrial electrolysis and plating applications requiring consistent performance.

Chemical Composition

Chemical Composition Limits

Element	Max Limit (%)
Carbon (C)	0.08
Nitrogen (N)	0.03
Hydrogen (H)	0.015
Iron (Fe)	0.20
Oxygen (O)	0.18
Residual (Each)	0.1
Residual (Total)	0.4

Dimensions

Standard Dimensions (LxWxT)

- 400 x 120 x 50 mm
- 500 x 130 x 55 mm
- 600 x 150 x 55 mm
- 700 x 175 x 60 mm
- 800 x 195 x 60 mm
- 900 x 215 x 65 mm
- 1000 x 250 x 65 mm

Applications

Primary Applications

Precious Metal Plating (Ag, Au, Rh, Pd), Hard Chrome Plating (Cr6+), Base Metal Plating (Cu, Zn, Ni), Precious Metal Recovery

Certifications

Quality Certifications

ISO 9001 • CNAS • CQC