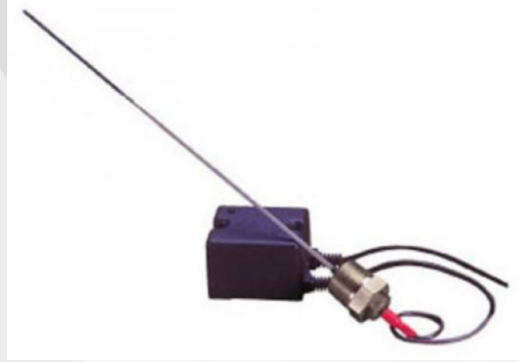


ESTECH - TITANIUM ANODE



TECHNICAL AND CONSTRUCTION CHARACTERISTICS

MMO/TI Electronic Anode for Water Heater

Impressed Current Systems

Impressed current systems feed a continuous protective electric current for warm water tanks. In particular, the combination of solar energy systems, heat pumps or combined heat and power plants with warm water generation all profit from electronically regulated protective current. Impressed Current Systems can reliably indicate any system failure. They reduce maintenance to a minimum.

High-Tech for modern water storage heaters

The system consists of two central components; the potentiostat and the titanium anode with mixed oxide coating. They are connected by cable and powered via mains cable. Fitting is exceptionally easy, by the same method as the magnesium anodes.

Types and Applications

The titanium anodes have a mixed oxide coating. They are between 50 and 1200 mm long and can be fitted in pairs for increased effectiveness. Large storage tanks are protected by several systems. For retrofitting, It's supplied with comprehensive fitting equipment. it protects tanks with volumes of between 50 and 5000 litres safely and conveniently.

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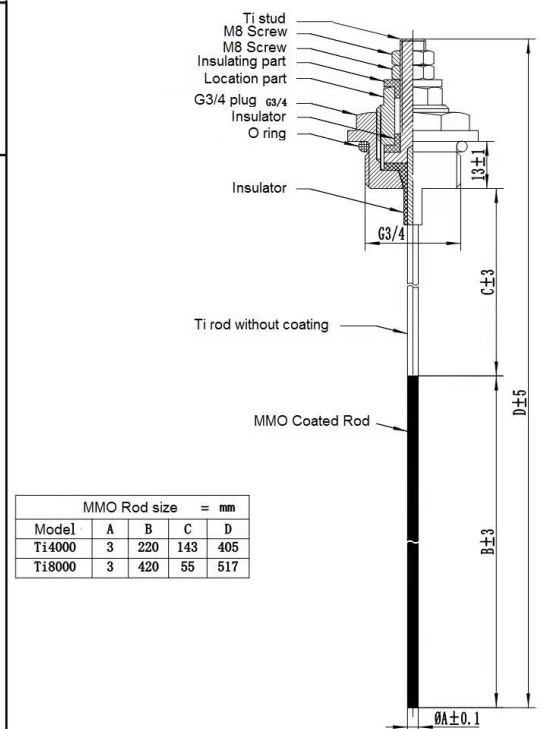
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MMO/Ti Anode Technical Parameter

1. Dimension and screw head of MMO/TI Anode, see details on the below drawing:

For	Input	Potential Controller	Tank Volume	MMO-Ti Anode	Installation Screw
Glass-lined Mild Steel Tank	AC110 ~ 260V	ME200	50 ~ 200 L	Ti2000	R3/4 G3/4 NPT3/4-14
		ME400	200 ~ 500 L	Ti4000	
		ME800	500 ~ 1000 L	Ti8000	
For Stainless Steel Tank	AC 110 ~ 260V	MT400	50 ~ 200 L	Ti4000	
		MT800	200 ~ 1000 L	Ti8000	



Customized size is available

Materials of MMO/Ti Anode: ASTM B348 Gr 1

MMO coating: IrO₂/Ta₂O₅ mixture

Expected life of Anode: In the environment of drink water, the temperature is less than 100 °C, the operation current density 50A/m², the life time is more than 10 years.

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