

## MM5 MMO Through Wall Anode

The Refine™ MM5 anode is designed for through hull or tank applications to allow installation of a permanent anode in a vessel or tank. It can also be used for intake pipes, pumps and condensers.

The vessel or tank should have a threaded boss welded into the electrode's mounting position. Or, if required, the reference electrode can be supplied to suit an existing boss diameter and thread.

### MM5 MMO Anode for Through Hull or Tank Applications

#### MATERIAL SPECIFICATION

Electrode element	Tubular MMO Anode manufactured from titanium coated with Mixed Metal Oxide Coating
Electrode media	N/A
Mount	Acetal homopolymer or mild steel

#### PERFORMANCE DETAILS

Operating life	4A for 25 years in seawater (other options available on request)
Shelf life	Indefinite, when following manufacturer's recommendations
Stability	+ or – 5mV at 5µA
Temperature range	0 - 100°C (32 - 221°F)

#### DIMENSIONAL DATA

Electrode body diameter	25.4mm (1.00*)
Nominal weight	780 grams (27.5oz) excluding cable tail

#### CABLE TAILS

Standard specification	1 x 4mm <sup>2</sup> (12 AWG) XLPE/PVC stranded copper conductor 15m long with red insulation
You specify	Cable tail fitted to your requirements
You fit	Separate work instruction provided with encapsulation kit

#### QA/QC DETAILS

Traceability	Fully traceable calibration certificate provided
Tested	Less than 5 milliohms connection resistance between MMO tube and cable

