

Overview:

Electromagnetic flow meter is hallmarked by its high performance and reliability based on successful, field-proven technology. It is being widely used in industries such as petroleum, chemical engineering, iron and steel, food, electric power, paper making, water treatment, petrochemical, medicine etc.



Electrode Material

Applications

Stainless Steel 316L

Applicable in water, sewage and corrosive mediums. Widely used in industries of petrol, chemistry, carbamide, etc.

Hastelloy B (HB)

Having strong resistance to hydrochloric acid of any consistence which is below boiling point.

Also resistible against vitriol, phosphate, hydro-fluoric acid, organic acid etc. which are oxidable acid, alkali and non-oxidable salt.

Hastelloy C (HC)

Be resistant to oxidable acid such as nitric acid, mixed acid, as well as oxidable salt such as Fe⁺⁺⁺, Cu⁺⁺ and sea water

Titanium

Applicable in seawater, and kinds of chloride, hypochlorite salt, oxidable acid (including fuming nitric acid), organic acid, alkali etc.

Not resistant to a pure reducing acid (such as sulfuric acid, hydrochloric acid corrosion.

But if acid contains antioxidant is greatly reduce corrosion.

Tantalum

Having strong resistance to corrosive mediums that is similar with glass

Almost is applicable to all chemical mediums.

Except for hydrofluoric acid, oleum and alkali.

Platinum-iridium

Almost be applicable in all chemical mediums except for ammonium salt.

Stainless Steel Covered

Tungsten Carbide

Applicable in mediums of no corrosive and low abrasion



Applications:

- Oil/Gas industry
- HVAC
- Factory/Manufacturing Plants
- Power Plants
- Fuel Farms
- Pharmaceutical/Chemical manufacturers
- Aggressive chemical processing applications
- Water-Sewage Treatment plants
- Tenant Billing
- Pulp/Paper manufacturing
- Food/Beverage production facilities