



DETM DYNAMIC
Process Equipment

Turbidity Sensors

TC

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TC



The TC Series Turbidity Sensors have compact design that makes it possible to install these sensors at any place easily. The sensors with different sensing range have built-in analog output function of 4 to 20 mA. This sensor have a built-in wiping cleaning system that keeps the lense clean. These probes are waterproof and can be submerged completely so they are ideally suited for pure measuring tasks in wastewater & effluent measurements.

Applications

- Wastewater/Effluent
- Cooling water/Condensate Collection
- Raw Water
- Activated/Digestion Sludge

Features

- Highly accurate sensor available for various measurement ranges
- Rugged 316L Stainless Steel waterproof body
- Integrated 10M long Cable
- Integrated wiper for lense cleaning

Specification:

| Turbidity Sensor | | | |
|-------------------|--|-----------|------------|
| Application | Waste water, Cooling Water, Effluent Treatment | | |
| Model | TC-100 | TC-500 | TC-3000 |
| Type | Membrane style Amperometric Sensor with 3-Electrode System | | |
| Output | 4-20mA Analogue Output | | |
| Measurement Range | 0-100 NTU | 0-500 NTU | 0-3000 NTU |
| Cleaning System | Both sided swing wiper cleaning system | | |
| Process Range | 0 to 40 °C | | |
| MOC | SUS316L, Sapphire glass, Fluorocarbon rubber, EPDM, POM | | |
| Cable Connector | Integrated 10M Cable | | |
| Dimensions | Diameter | 32 mm | |
| | Length | 163 mm | |



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SmartDip 405M

SmartDip 405M is a retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in harsh chemical applications through flan...



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SmartDip 220M is a compact retractable electrode housing with manual drive Unit. This metal body model can be implemented in different chemical applications including ferment...



SmartDip 405P

SmartDip 405P is a retractable electrode housing with pneumatically operated drive Unit. This plastic body model can be implemented in harsh chemical applications through flan...



SmartDip 250M

SmartDip 250M is a manually operated Retractable electrode housing with long immersion lengths and ball valve for isolation. It can fit 120mm long Sensor.



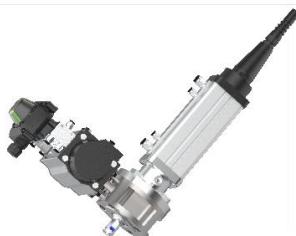
SmartDip 420M

SmartDip 420M is a compact retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in different chemical applicatio...



SmartDip 240M

SmartDip 240M is a compact retractable electrode housing. This version can fit 120mm long sensor. It comes with 1" NPT, Triclover connection.



SmartDip 450M

SmartDip 450M is a pneumatically operated retractable electrode housing with long immersion length and isolation ball valve. This unique model can fit 120mm long sensor.

