

IQ SensorNet TetraCon

SUBMERSIBLE CONDUCTIVITY PROBE



The TetraCon® submersible conductivity probe is a rugged electrode-style conductivity probe for the IQ SensorNet process monitoring system. The TetraCon provides continuous and reagentless monitoring of conductivity, salinity, or total dissolved solids (TDS) using a 4-electrode measuring cell to eliminate polarization effects and reduce measurement error due to fouling.

- **Reliable** - With a 4-electrode design the TetraCon mitigates interferences and fouling.
- **Robust design** - Built with durable materials PEEK and Stainless Steel.
- **Wide measurement range** - The TetraCon can cover a variety of applications with its measuring range, 10 $\mu\text{S}/\text{cm}$ to 500 mS/cm .
- **Protected investment** - The TetraCon has a 2-year warranty.

For more information visit:
YSI.com/TetraCon



a xylem brand

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TetraCon Specifications

Certifications	CE, ETL, cETL
Depth/Pressure Rating/Limit	Up to 10 bar (145 psi)
Equipment used with	282/284 and 2020 3G controllers
Integrated Lightning Protection	Yes
Languages	English/German
Measurement Method/Channels	Integrated microprocessor electronics, shielded 2-wire connection for power and data transmission; conductivity sensor with 4-electrode measuring cell
Operating pH Range	4 to 12
Operating Temperature	32 to 140°F (0 to 60°C)
Parameters Measured	Conductivity
Measuring Range	Conductivity: 10 μ S/cm to 500 ms/cm Salinity: 0.0 ppt to 70 ppt Total Dissolved Solids (TDS): 0 mg/L to 2,000 mg/L
Sampling	Yes
Smart Sensors/Ports	Yes
Storage Temperature	23 to 149°F (-5 to 65°C)
Unit of Measure	μ S/cm
Warranty	2 years
Waterproof	IP68

TETRACON SPEC SHEET XA00051

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