



CHEMICAL SUPPORT SYSTEMS

DESIGN / ENGINEER / MANUFACTURE / INSTALL

Online Conductivity Meter

Our range of conductivity meters utilise the very latest and best conductivity sensors available in the world today for measuring the conductivity from 0 to 2,000,000 μ S/cm (range selectable). You can choose between a standard graphite sensor and a more sophisticated toroidal sensor, or stainless steel boiler specific sensors.

- Low purchase cost-effective
- Low cost of ownership
- Resists coating, corrosion and fouling
- Durable Noryl construction
- Easy installation
- Custom tee for in-line mounting

To be used in combination
with CSS Analyser



Graphite

Our light industrial conductivity sensor utilises Graphite technology. The durable epoxy body construction provides a rugged and dependable sensor for potable water and clean water. Mount then inline, in a pipe "T" fitting, or submerge them into a tank. For the many applications, the epoxy conductivity sensors are the lowest cost, most reliable sensor to use, especially for process applications. Rugged epoxy bodies make the sensors virtually unbreakable. These are an excellent choice to use as standard online conductivity sensors in the water and related industries.

Toroidal

The toroidal inductive conductivity sensors feature a wide measurement range and dependable toroidal technology over the range 0-2,000,000 μ S/cm. Resistant to corrosion, coatings and fouling common to contacting conductivity sensors, this probe is designed for a trouble free and long service life. Noryl is the standard material of construction and has a wide solvent tolerance and temperature stability to 105°C. All models can be submersed by utilising the 3/4" MNPT threads on the sensor or installed in 2" NPT tees for in-line deployment. A temperature sensors is built into the conductivity sensor for automatic temperature compensation.

Specification

Standard Epoxy Sensor

Type

Graphite

Measuring range

0-1000 μ S/cm (other range available on request)

Cell constants

k=0.1

Measuring surface

Graphite

Body material

Epoxy

Max Temperature

70°C

Max Pressure

7.5 Bar

Temp Compensation

Included

Cable

22 AWG 2-wire or 4-wire, for temperature compensated type, 6m standard unless otherwise specified.



Advanced Toroidal Sensor

Type

Toroidal

Measuring range

500-2,000,000 μ S/cm (0.5-2,000mS/cm)

Body material

Noryl

Max temperature

105°C

Max pressure

10 Bar

Temp compensation

Included

Cable length

6 metres, 6 conductor plus shields

Process connection

3/4" MNPT for submersion, 2" standard Tee with adapter

