HACH | Environmental
Be Right. The Environment is worth it.

Graphite Conductivity Sensor

Brief Introduction:

The Hydrolab Conductivity sensor uses four Graphite electrodes in an open cell design to provide extremely accurate and reliable data with virtually no maintenance.

Features:

- Design based on four Graphite electrodes located in the hollow vetical surface of an open cell design to avoid being interfered by bubble and sediment
- The probe measures the current between 2 electrodes held at a fixed potential; additional 2 electrodes are used to compensate for any fouling of the electrode surfaces
- Sensor measurements used to derive Salinity, Total Dissolved Solid, and Resistivity

Benefits:

- Reduces measurement error due to environment – Graphite electrodes are not oxidized in water, furthermore which are resistant to acidic or basic corrosion
- Because of open cell design, the sediment falls to the bottom of the cell and bubbles rise to the top. Enable it last long term maximum accuracy
- Easily maintained between deployments by cleaning with a cotton swab

Specifications:

Range:	0-100 mS/cm
Accuracy:	+/- 0.5% of reading
Resolution:	0.1 µS/cm ~ 0.01 mS/cm (range dependent)

This sensor available on These sondes:

Hydrolab DS5X
Hydrolab DS5
Hydrolab MS5
Quanta
Quanta G

HYDROLAB®
A HACH COMPANY BRAND