

## CONDUCTIVITY/TDS/SALINITY METER/DATA LOGGER

## TECHNICAL DATA

### FEATURES

- Measures conductivity, total dissolved solids (TDS) and salt levels in water
- Carbon rod electrode for a long operating life
- Automatic temperature compensation
- Temperature coefficient of measurement solution is user selectable
- Easy to read LCD with backlight
- Data hold and Max/Min record
- Real time data logger with integral SD memory card (OPTIONAL)
- Just plug the SD card into the computer and it downloads directly to EXCEL
- RS-232 and USB computer interface
- Auto or manual power off
- Includes probe and hard carrying case

### SPECIFICATIONS

**Conductivity Range:** 200 $\mu$ S, 2mS, 20mS, 200mS

**Resolution:** 0.1 $\mu$ S, 0.001mS, 0.01mS, 0.1mS

**Accuracy:**  $\pm$ (2% f.s. +1 digit)

**TDS Range:** 200, 2000, 20,000, 200,000 ppm

**Resolution:** 0.1, 1, 10, 100 ppm

**Accuracy:**  $\pm$ (2% f.s. +1 digit)

**Salinity Range:** 0 to 12% salt (% weight)

**Resolution:** 0.01% salt

**Accuracy:**  $\pm$ 0.5% salt

**Sampling Time:** Auto, 1 second to 9 hours

**Memory Card:** SD memory card, 1 GB to 16 GB

**Power Supply:** 6 x 1.5V UM3/AA batteries

**Dimensions:** 177 x 68 x 45mm (7.0 x 2.7 x 1.9")

**Weight:** 515g (1.13 lb)



### ORDERING INFORMATION

SD-4307 ..... Conductivity/TDS/Salinity Meter/  
..... Data Logger

TP-01 ..... Thermocouple Wire Probe

USB-01 ..... USB Cable

SW-U801-WIN ..... Data Acquisition Software

BS-6 ..... Tripod

AP-9VA-110V ..... AC Adapter

CERTICD1 ..... NIST Calibration Certificate

SD-4307-NIST ..... Conductivity Meter & NIST