

TECHNICAL DATA



Specifications

Conductivity

Measuring Range: 200 μ S, 2mS, 20mS, 200mS
 Accuracy: \pm (2% +1 dgt)
 Resolution: 0.1 μ S, 0.001mS, 0.01mS, 0.1mS

TDS (Total Dissolved Solids)

Measuring Range: 200, 2000, 20,000, 200,000 ppm
 Accuracy: 0.1, 1, 10, 100 ppm
 Resolution: \pm (2% +1 dgt)

Salinity

Measuring Range: 0 to 12% (% weight)
 Accuracy: \pm 0.5%
 Resolution: 0.0001

Features

- Measures conductivity, total dissolved solids (TDS) and salt levels in water
- Automatic temperature compensation
- Real time datalogger with integral SD memory card (optional)
- User selectable sampling rate
- Large, easy-to-read backlit LCD display
- Data hold and Min/Max functions
- Optional PC software features live tracking via USB connection
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut off
- Includes probe, hard carrying case, and batteries



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General Specifications

Display:	Dual Display, LCD
Backlit Display:	Yes
Data Hold:	Yes
Min:	Yes
Max:	Yes
Datalogging Capabilities:	Yes
Real-Time Clock and Date Stamp:	Yes
Sampling Rate:	Yes (1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600s)
External Memory:	Yes, expandable up to 16Gb with SD card (optional)
Auto Shut-off:	Yes (after 10 mins/off)
Kick Stand:	Yes
Tripod Mountable:	Yes
Low Battery Indicator:	Yes
Power Supply:	6 x AA batteries or AC Adapter (optional)
Output:	Yes
Battery Life:	Sampling Time Dependent
PC Connectivity:	USB Cable (optional)
Software:	SW-U801-WIN (optional)
Software OS Compatibility:	Windows XP / Vista / 7
Product Certifications:	CE
Operating Temperature:	Meter: 32 to 122°F (0 to 50°C) Probe: 32 to 140°F (0 to 60°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity:	10-80%
Dimensions:	7 x 2.7 x 1.9" (177 x 68 x 45mm)
Weight:	1.1 lb (515g)



Model	Description
SD-4307	Conductivity/TDS/Salinity Datalogger
SD-4GB	4GB SD Memory Card
USB-01	USB Cable
SW-U801-WIN	Data Acquisition Software
AP-9VA-110V	AC Adapter
R1500	Lightweight Tripod
CA-05A	Soft Carrying Case
R8888	Deluxe Hard Carrying Case
SD-4307-NIST	Conductivity/TDS/Salinity Datalogger & NIST