TECHNICAL DATA

Specifications

Conductivity

Measuring Range:	200µS/cm, 2mS/cm, 20mS/cm, 200mS/cm
Accuracy:	±(2% +1 dgt)
Resolution:	0.1µS, 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:	±(2% +1 dgt)

Salinity

Measuring Range:	0 to 12% (% weight)
Accuracy:	±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

REED INSTRUMENTS

Data Logging Conductivity/ TDS/Salinity Meter
Model SD-4307

TRACEABLE CERTIFICATION AVAILABLE!

1 YEAR WARRANTY

TECHNICAL DATA

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 minutes/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 to 80%
Dimensions:	7 x 2.7 x 1.9" (177 x 68 x 45mm)
Weight:	1.1lb (515g)

Model	Description
SD-4307	Data Logging Conductivity/TDS/Salinity Meter
R3100SD-PROBE	Replacement Probe for SD-4307
SD-4GB	4GB SD Memory Card
USB-01	USB Cable
SW-U801-WIN	Data Acquisition Software
AP-9VA-110V	AC Adapter
R1430	Conductivity Standard Solution, 1413µs
R1500	Lightweight Tripod
CA-05A	Soft Carrying Case
R8888	Hard Carrying Case
SD-4307-NIST	Data Logging Conductivity/TDS/Salinity Meter & NIST