

### Features

- Measures conductivity, total dissolved solids (TDS) and salt levels in a liquid
- Automatic temperature compensation
- Data hold and Min/Max functions
- User selectable °F or °C
- Waterproof housing meets IP57 standard
- Replaceable electrode module
- Low battery indicator and auto shut off
- Includes conductivity standard solution, protective cap, lanyard, allen key, screws, carrying case and batteries

### Specifications

#### Conductivity

Measuring Range: 0 to 2000 $\mu$ S  
2.00 to 20.00mS

Accuracy:  $\pm 2\%$ FS

Resolution: 1 $\mu$ S, 0.01mS

#### TDS (Total Dissolved Solids)

Measuring Range: 0 to 1300ppm  
1.30 to 13.00ppt

Accuracy:  $\pm 2\%$ FS

Resolution: 1ppm/0.01ppt

#### Salinity

Measuring Range: 0 to 1000ppm  
1.00 to 12.00ppt

Accuracy:  $\pm 2\%$ FS

Resolution: 1ppm/0.01ppt

#### Temperature

Measuring Range: 32 to 194°F (0 to 90°C)

Accuracy:  $\pm 0.4^\circ\text{F}$  ( $0.2^\circ\text{C}$ ) + 1dgt

Resolution:  $\pm 0.1^\circ\text{F}$  ( $\pm 0.1^\circ\text{C}$ )

#### General Specifications

Display: Dual Display, LCD

Data Hold: Yes

Min/Max: Yes

Auto Shut-off: Yes (after 10 minutes/off)

Low Battery Indicator: Yes

Power Supply: 4 x AAA Batteries

Product Certifications: CE, IP57

Operating Temperature: 32 to 122°F (0 to 50°C)

Storage Temperature: 14 to 140°F (-10 to 60°C)

Operating Humidity Range: 10 to 80%

Dimensions: 7.7 x 1.6 x 1.4"  
(195 x 40 x 36mm)

Weight: 0.3lb (135g)



### TECHNICAL DATA



### R3530-KIT

Conductivity/TDS/Salinity  
Meter and Solution

Includes:  
R3530 Conductivity/TDS/Salinity  
Meter and R1430 Conductivity  
Standard Solution



Model	Description
R3530	Conductivity/TDS/Salinity Meter
R3530-ELECTRODE	Replacement Conductivity/TDS/Salinity Electrode
R1430	Conductivity Standard Solution, 1413 $\mu$ S, 500ml
R3530-AK	Replacement Allen Key and Screws
CA-05A	Soft Carrying Case
R3530-KIT	Conductivity/TDS/Salinity Meter and Solution
R3530-NIST	Conductivity/TDS/Salinity Meter with NIST