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Orion 131S Basic Waterproof Conductivity Meter

- Orion 131S Intrinsically Safe (Explosion Proof)
- Compatible with USP Regulations
- Wide Cell Constant Range for Maximum Compatibility

[Click here to view the Orion Product Guide](#)

Product Detail


The Orion 131S is designed for measurement of conductivity, salinity, total dissolved solids and temperature. Wide measurement range allows for a variety of samples. The meter calibrates via AUTO-CAL™ and cell constant adjustment method. The meter is compatible with two or four electrode cells. Temperature compensation options, such as automatic or manual linear function, and nonlinear function for ultrapure or natural water are available. This meter offers an easy to use interface cell status and self-diagnostic testing. The Orion 131S is intrinsically safe for use in a non-sparking environment. Complete field kit available. Field kit includes meter, probe or cell, beakers and standards. Meter warranty is three (3) years.

Orion 131S Basic Waterproof Conductivity Meter

Product#	Price	Package	
0131S0	-	Meter and Conductivity Cell	SELECT
0131S2	-	Meter only	SELECT
0131S3	-	Meter and Field kit	SELECT

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- [Orion Laboratory Products Catalog](#)

Specifications:

Conductivity Range : 0.0 µS/cm to 500 mS/cm
4-electrode cell, cell constant 0.55cm⁻¹
0.0 µS/cm to 100.0 µS/cm
2-electrode cell, cell constant 0.1cm⁻¹

Conductivity Accuracy : <0.5% of meas. value + 1 count

Conductivity Resolution : 0.01 at <99.99 µS/cm
0.1 at >99.99 µS/cm

Salinity Range : 0.0 to 45.0 (10 to 30°C)

Salinity Resolution : <0.3°C + 1 count

Total Dissolved Solids Range : 0 to 1999 mg/L (10 to 40°C)

Temperature Range : -20°C to 120°C

Temperature Resolution : 0.1

Temperature Accuracy : 0.3

Cell Constant : 0.001cm⁻¹ to 199.9cm⁻¹

Cell Calibration : Direct entry of cell constant automatic determination of cell constant by KCl solution: 0.01 and 0.1 M

Waterproof Rating : IP66

Agency Approvals : CE, FM & Ex
Intrinsically safe

Display : Custom LCD

Inputs : 8 Pin WP DIN