

The HydroLite EC is a specialised meter designed to provide accurate measurements of conductivity, total dissolved solids (TDS), and salinity. Compact and robust, this portable meter is perfect for field applications requiring precise monitoring of water quality. With its user-friendly interface and durable design, the HydroLite EC ensures reliable readings in a variety of environmental conditions.

Key Features

Multi-Parameter Capability: Measures conductivity, TDS, and salinity with a single instrument, simplifying the testing process while ensuring accuracy.

High Precision: Delivers detailed readings with high resolution, essential for environmental monitoring and water quality management.

Portable and Rugged Design: Small enough to fit in a pocket yet tough enough to withstand harsh field conditions with an IP67 waterproof rating.

Easy Operation and Calibration: Features simple calibration and operation procedures, allowing for quick and accurate assessments in the field.

Long Battery Life: Designed for extended use with a long-lasting battery, minimising the need for frequent replacements and ensuring continuous operation.



Device Parameters

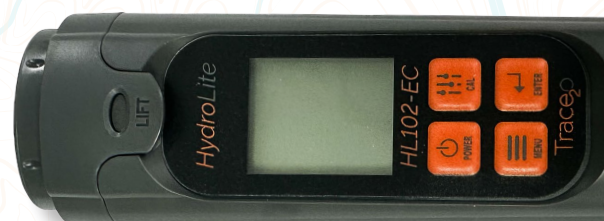
Physicochemical: EC | TDS | Salinity | Temperature

Kit Hardware

- HydroLite HL102 meter for EC/temperature
- HL102 Manual Card

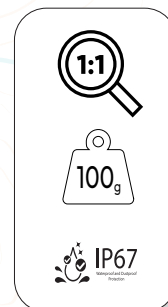
Technical Specification

Power	4 x 1.5v Micro Alkaline
Auto-Off	8.5 mins after last key press
Operating Temp	5 to 45 °C
Ingress Protection	IP67 rating: waterproof
Dimensions (LxWxH)	17 x 4.5 x 3 cm



Ranges

Part Number	Description
Conductivity	
Range	0.00 to 20.00 mS/cm
Accuracy	±2%
TDS	
Range	0.00 to 20.00 ppt
TDS Factor Range	0.40 to 1.00 (selectable)
Accuracy	±2% full scale
Salinity	
Range	0.0 to 10.0 ppt
Accuracy	±2% full scale
Temperature	
Range	0 to 50.0 °C / 32.0 to 122.0°F
Resolution	0.1°C / 0.1°F
Accuracy	±0.6°C, ±1.0°F
Auto Temperature Compensation	Yes



Product	Code
HydroLite EC	HL102

Additional Information



← Link to ASMS app via
Google Play Store

Or visit asmsonline.net

- Compatible with the AquaSafe Management Software package (ASMS).
- ASMS is a Cloud based data presentation and storage tool, with companion mobile app.
- The wealth of results can be visualised, analysed and managed to give full traceability and ensure regulatory compliance.



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