



AquaSafe WSL50 PLUS

The AquaSafe WSL50 Plus elevates on-site water testing with digital precision and enhanced portability. This advanced version of our trusted WSL50 kit is designed to meet the rigorous standards of field professionals and emergency response teams, offering a comprehensive solution for essential water quality testing. By incorporating digital pH and conductivity testing alongside visual chemical assessments, the WSL50 Plus delivers laboratory-quality results directly at the source.

Key Features

Digital Testing Technology: Features digital pocket meters for pH and conductivity testing, offering superior accuracy and reliability compared to visual methods.

Comprehensive Chemical Analysis: Includes a visual chemical testing component with Comparator Wheels, enabling precise measurement of a wide range of chemical parameters.

WHO Compliant: Tailored to perform essential water safety tests recommended by the World Health Organization (WHO), without the need for pH reagents.

Optimised Design for Rapid Deployment: Organised kit components enable rapid setup and packdown for efficient field use.

Advanced Dual Incubator: Maintains sample integrity with accurate temperature control, suitable for both portable set-up and benchtop.

PetriLok Petri Dish System: Reduces contamination risks and secures dishes during transit, promoting accurate microbiological testing.

Portable and Robust: Equipped with a retractable handle and wheels for easy transport, housed in a waterproof and buoyant IP67-rated case.



Device Parameters

Microbiological: TTC (Indicator of E. coli) | Total Coliforms

Physicochemical: Chlorine (Residual) | Chlorine (Combined) | Turbidity | pH | Electrical Conductivity | Ammonia | Nitrite | Nitrate

Please contact our sales team to find out more regarding additional parameter testing.
sales@trace2o.com



Technical Specification

Power Supply	12-24 V DC
Incubator Temperature Range	20°C to 50°C
Timer	24 Hour Clock
Display	LCD Display with Tactile Soft Keys
Incubator Temperature Stability	+/- 0.1°C
Petri dish Capacity	50
Power Consumption	37°C Cycle at 20°C ambient: 8.1W (max power) 3W (average consumption)
Warranty	1 Year

Replacement Consumables and Reagents

Part Number	Description	Pack Size
ASBRO300	M-Lauryl sulfate broth sachet	300 tests
TBSRD1100	DPD No.1 rapid tablets	100
TBSRD3100	DPD No.3 rapid tablets	100
TBSRPH100	Phenol red tablets	100

Please see the Data Sheet for a full list of accessories and consumables.

Kit Hardware

- AquaSafe 2-Part Jackson turbidity tube
- Membrane filtration unit
- Rubber hand pump vacuum tubing
- HydroLites EC & pH
- Arsenic Test Kit (Economy)
- AquaSafe PetriLok double incubator
- Aluminium Petri dishes x50
- Calibration block
- Comparator
- Pocket immersion thermometer probe



IP67



25kg

Product

Code

AquaSafe WSL50 Plus

WSL50 Plus

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.



Trace2o, Station Road, Thatcham, Berkshire, United Kingdom, RG19 4HZ

T +44 (0)1635 866 772 | info@trace2o.com | www.trace2o.com