

Introducing the AquaSafe WSL50, your essential kit for emergency water quality testing. Designed with efficiency and portability in mind, this kit meets the World Health Organization (WHO) standards for basic water testing parameters. Ideal for rapid response teams and field professionals, the WSL50 enables accurate assessments of pH, free chlorine, total chlorine, turbidity, temperature, and coliform bacteria directly at the source.

Key Features

WHO Compliance: Tailored to cover essential water safety parameters as outlined by the WHO, ensuring critical testing needs are met.

Engineered for Rapid Deployment: Features an optimised internal layout, ensuring the apparatus has a precise location for quick setup and pack-up.

Advanced Incubation: Equipped with a powerful dual incubator for flexible on-site or in-lab testing, maintaining sample integrity.

Portable and Durable: The kit features a retractable handle and wheels, designed for ease of transport and use in any field condition.

PetriLok Petri Dish System: Prevents contamination and secures dishes during transit, reducing the risk of spillage and ensuring accurate results.

High-Performance Battery Pack: Integrated batteries provide secure and reliable power for extended field use.

Rugged and Waterproof Case: An IP68 rating guarantees protection against water ingress and loss, even if dropped in water.



Device Parameters

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

Physicochemical: Chlorine (Residual) | Chlorine (Combined) | Turbidity | pH

Please contact our sales team to find out more concerning 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
Petridish Capacity	50 (25 Per Chamber)
Power Consumption	37°C Cycle at 20°C ambient: 8.1W (max power) 3W (average consumption)
Warranty	1 Year

Kit Hardware

- AquaSafe 2-Part Jackson turbidity tube
- Membrane filtration unit
- Rubber hand pump
- Vacuum tubing
- AquaSafe PetriLok Double incubator
- Aluminium Petri dishes x50
- Calibration block
- Pool tester
- Pocket immersion thermometer probe

Case Weight and Dimensions



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

Product	Code
AquaSafe WSL50	WSL50

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.
- Test results analysed and presented in visual format to identify trends, and data managed to ensure full traceability & regulatory compliance.



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