



AQUASAFE®

WSL50 & 25 PREMIUM

Advanced portable water laboratories

The Aquasafe® WSL50 and WSL25 Premium are advanced portable water testing laboratories offering physicochemical and microbiological testing.

The AquaSafe® range is designed to give outstanding accurate results on a broad range of microbiological and physicochemical parameters, where the need for broader, more complicated, electrochemical testing is not required.

The AquaSafe® Premium kits comprise the unique AquaSafe® digital microbiological incubator unit, capable of processing up to 25 samples per chamber; totalling 25 for the WSL25 Premium and 50 for the WSL50 Premium. In addition, an accurate, rugged portable photometer with over 40 different parameters and robust pocket pH and conductivity meters are included in a single case. The user can achieve rapid results at the water source, without the need to transport samples to a central laboratory.



**SPECIALIST MANUFACTURERS OF ENVIRONMENTAL
ANALYSIS AND MONITORING EQUIPMENT**





BENEFITS

- ⊙ Powerful dual and single incubator docking station gives flexibility to switch between in-case or on bench use
- ⊙ Process samples while transporting and carrying the portable laboratory with the upright incubator format. Samples remain in the correct orientation even when being carried



- ⊙ The high performance battery pack built into the case is hidden from potential theft behind a locked hinged panel while being easily accessible using the simple tool provided
- ⊙ Accurate digital temperature control to +/- 0.1°C ensures optimal bacterial growth
- ⊙ Save valuable time with the easy to use digital independently controlled incubator chambers
- ⊙ Up to 24 hour countdown timer that pauses in the event of power failure, ensuring no false negative microbiological results



- ⊙ Simultaneous thermotolerant and total coliform incubation. Other organism growth also possible using selective media



- ⊙ Single waterproof (IP68) case makes it easy for one user to carry and floats to avoid loss if dropped in water
- ⊙ PetriLok® petridish carriage system stops incubator contamination from the user's hands and ensures stability of dishes in transit, avoiding media spillage
- ⊙ Save time with fast and easy calibration in the field



- ⊙ Save time and money in the laboratory. Ideal as either the primary in-field testing method OR as a pre-screening tool to reduce the number of samples centrally tested
- ⊙ Never run out of reagents again. In-built removable accessories tray makes identifying consumable and reagent stock levels simple and avoids the possibility of damage or breakage during transport
- ⊙ Rugged portable waterproof photometer and multiparameter meters included giving unrivalled physico-chemical testing at site
- ⊙ A multiple handle system gives portable flexibility, including a retractable handle with wheels to reduce fatigue



IN YOUR KIT

IN YOUR KIT	WSL50 PLUS	QTY	WSL25 PLUS	QTY
Single silver IP68 waterproof wheeled case with multiple handle options and incubator docking station	✓	1	✓	1
Aquasafe® double incubator	✓	1		
Aquasafe® single incubator			✓	1
Petrilock cassette with cap	✓	2	✓	1
Aluminium petri dish	✓	50	✓	25
Sterilisable work surface	✓	1	✓	1
Accessories tray	✓	1	✓	1
HydroTest HT1000	✓	1	✓	1
HydroLite HL101 pH instrument	✓	1	✓	1
HydroLite HL102 EC instrument	✓	1	✓	1
pH 4.01 buffer solution	✓	1	✓	1
pH 7.00 buffer solution	✓	1	✓	1
EC 1413uS calibration solution	✓	1	✓	1
Calibration block	✓	1	✓	1
Digital thermometer	✓	1	✓	1
Nitrate reagents (pk100)	✓	3	✓	3
Nitrite reagents (pk100)	✓	3	✓	3
Chlorine free/total reagents (pk100)	✓	3	✓	3
Ammonia reagents (pk100)	✓	3	✓	3
Sterile membrane filters (pk100)	✓	3	✓	3
Sterile absorbent pads (pk100)	✓	3	✓	3
Sterilised water for MSLB preparation	✓	6	✓	6
125ml sample collection bottle with dechlorination tablets	✓	4	✓	4
Membrane lauryl sulfate broth sachet	✓	6	✓	6
24mm sample cells	✓	3	✓	3
Membrane filtration unit	✓	1	✓	1
30ml dropper bottle for methanol	✓	1	✓	1
5m sampling cable with carabiner	✓	1	✓	1
Multi-purpose screwdriver	✓	1	✓	1
Nitrate test tube	✓	1	✓	1
Test tube brush	✓	1	✓	1
Silicone grease	✓	1	✓	1
Crushing rod	✓	3	✓	3
Dilution tube	✓	1	✓	1
5ml sterile syringe	✓	1	✓	1
Vacuum pump	✓	1	✓	1
Vacuum tubing	✓	1	✓	1
Forceps	✓	1	✓	1
Eye glass	✓	1	✓	1
Pad dispenser	✓	1	✓	1
Lint free wipes	✓	1	✓	1
Arsenic test kit (300 tests)	✓	1	✓	1
Fabric instrument bag	✓	1	✓	1
Accessories box	✓	1	✓	1
12V 4A lead-acid charger/power supply	✓	1	✓	1
IEC mains lead UK plug	✓	1	✓	1
Vehicle charging cable	✓	1	✓	1
UK to EU plug adapter	✓	1	✓	1

DESCRIPTION	PACK SIZE	PART NUMBER
Aquasafe® WSL50 Premium	Unit	WSL50PREMIUM
Aquasafe® WSL25 Premium	Unit	WSL25PREMIUM

TECHNICAL SPECIFICATIONS

	WSL50 PLUS	WSL25 PLUS
Dimensions (mm)	⊙ 500 x 305 x 457	
Weight	⊙ 20kg	
Approvals	⊙ CE Conformity, IP68	
Country of origin	⊙ United Kingdom	
Digital incubator test programs	<ul style="list-style-type: none"> ⊙ 37°C ⊙ 44°C ⊙ User defined (20°C to 50°C) ⊙ Calibration 	
Timer	⊙ Adjustable 24 hour countdown timer	
No. incubation chambers	⊙ 2	⊙ 1
Maximum petridish capacity	⊙ 50 (25 per incubator chamber)	⊙ 25
Incubator temperature range	⊙ 20°C to 50°C	
Incubator temperature resolution	⊙ 0.1°C	
Incubator temperature stability	⊙ +/- 0.1°C	
Recommended storage temperature	⊙ 0°C to 70°C	
Optimum operating temperature	⊙ 0°C to 40°C	
User interface	<ul style="list-style-type: none"> ⊙ LCD Display ⊙ Tactile soft keys ⊙ Audible alerts 	
Power supply	<ul style="list-style-type: none"> ⊙ 12-24 V DC ⊙ Removeable lead acid power pack ⊙ (Rechargeable) 	
Power consumption	<ul style="list-style-type: none"> ⊙ 37°C Cycle at 20°C ambient ⊙ Max power 16.1W ⊙ Average power 6W 	
Test parameters included (with reagent)	<ul style="list-style-type: none"> ⊙ Ammonia ⊙ Arsenic (total) ⊙ Chlorine (residual) ⊙ Chlorine (Combined) ⊙ Coliform (TTC or TC) ⊙ Conductivity ⊙ Nitrate ⊙ Nitrite ⊙ pH ⊙ Temperature ⊙ Turbidity 	
Total test parameters possible (with additional reagent or accessories)	⊙ Over 50	
Photometric testing	⊙ Via HydroTest HT1000	
Manufacturer's warranty	⊙ Standard 1 year from purchase	

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