



AQUASAFE

WSL25 & 50 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 140 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



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BENEFITS



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

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 +/- 0.1oC ensures optimal bacterial growth



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

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

Powerful single and dual 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

Single waterproof (IP68) case makes it easy for one user to carry and floats to avoid loss if dropped in water



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

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



KIT CONTENT

INCLUDED IN KIT	25 Premium	QTY	50 Premium	QTY
Single silver IP68 waterproof wheeled case with multiple handle options and incubator docking station	✓	1	✓	1
AquaSafe single incubator	✓	1		
AquaSafe double incubator			✓	1
PetriLok cassette with cap	✓	1	✓	1
Aluminium Petri dish	✓	1	✓	1
Sterilisable work surface	✓	1	✓	1
Accessories tray	✓	1	✓	1
AquaPro AP2000	✓	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 (pk285)	✓	1	✓	1
Nitrite reagents (pk300)	✓	1	✓	1
Chlorine free/total reagents (pk300)	✓	1	✓	1
Ammonia reagents (pk300)	✓	1	✓	1
Sterile membrane filters (pk100)	✓	3	✓	3
Sterile absorbent pads (pk100)	✓	3	✓	3
Sterilised water for lauryl sulphate broth 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 WSL25 Premium		WSL50-PREMIUM
AquaSafe WSL50 Premium		WSL25-PREMIUM





TECHINICAL SPECIFICATIONS

Dimensions (mm)	500 X 305 X 457
Weight (kg)	20kg
Approvals	<ul style="list-style-type: none">• CE Conformity, IP68
Country of origin	United Kingdom
Digitak incubation 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	<ul style="list-style-type: none">• 1 (25 Premium)• 2 (50 Premium)
Maximum petridish capacity	<ul style="list-style-type: none">• 25 (25 Premium)• 50 - 25 per incubator chamber (50 Premium)
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
Under interface	<ul style="list-style-type: none">• LCD Display• Tactile soft keys• Audible alerts
Power supply	<ul style="list-style-type: none">• 12V-24V DC• Removable 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 AquaPro AP2000
Manufacturer's warranty	Standard 1 year from purchase

