



AQUASAFE® WSL25 & 50 PLUS

Intermediate portable drinking water laboratories

The Aquasafe® WSL25 PLUS & WSL50 PLUS range is an intermediate portable water testing laboratory offering physicochemical and microbiological testing.

The kits are both easy to use and portable, giving a range of accurate results in a single, easy to transport, hard wearing, waterproof and buoyant case. They both contain a powerful digital dual or single chamber microbiological incubator that simply docks into the case to allow use in both the field or the laboratory. Also included is a flexible comparator block with wheels and easy to use pocket pH and EC meters. All consumables and accessories are protected by a specifically engineered rack system mounted in the case.



SPECIALIST MANUFACTURERS OF ENVIRONMENTAL



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BENEFITS

- ⊙ Accurate digital temperature control to 0.1°C ensures optimal bacterial growth
- ⊙ 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 WSL25 Plus's small lightweight case gives an easy portable solution, even for just one user



- ⊙ Up to 24 hour countdown timer that pauses in the event of power failure, ensuring no false negative microbiological results
- ⊙ Total control over incubation temperature. Other cultures are possible using different selective media
- ⊙ PetriLok® petridish carriage system stops incubator contamination from the user's hands and ensures stability of dishes in transit, avoiding media spillage



- ⊙ Powerful single or double incubator docking station gives flexibility to switch between



- ⊙ Save time with fast and easy calibration in the field
- ⊙ Single waterproof (IP68) cases makes it easy for one user to carry and floats to avoid loss if dropped in water
- ⊙ Instant physico-chemical results with the easy to use comparator with colour wheels plus pH and EC pocket meters saves time and money in the field



- ⊙ 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
- ⊙ 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
- ⊙ 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





IN YOUR KIT

IN YOUR KIT	WSL50 PLUS	QTY	WSL25 PLUS	QTY
Single silver waterproof wheeled case with multiple handle options and incubator docking station	✓	1		
Single black lightweight IP68 waterproof case with top handle, incubator docking station and shoulder strap			✓	1
AquaSafe double incubator	✓	1		
AquaSafe Single incubator			✓	1
PetriLock cassette with cap	✓	2	✓	1
Aluminium petri dishes	✓	50	✓	25
Membrane Filtration Unit	✓	1	✓	1
Sterilised water for MSLB preparation	✓	6	✓	6
Sample collection bottle with dechlorination tablets	✓	4	✓	4
Sterile membrane filters (pk100)	✓	3	✓	3
Sterile absorbent pads (pk100)	✓	3	✓	3
Membrane Lauryl sulfate broth sachet	✓	6	✓	6
HydroLite HL101 pH meter	✓	1	✓	1
HydroLite HL102 EC meter	✓	1	✓	1
pH 4.01 buffer solution	✓	1	✓	1
pH 7.00 buffer solution	✓	1	✓	1
EC 1413 uS calibration solution	✓	1	✓	1
Nitrate reagents (pk100)	✓	3	✓	3
Nitrate test tube	✓	1	✓	1
Test tube brush	✓	1	✓	1
Chlorine free/total reagents (pk100)	✓	3	✓	3
Ammonia reagents (pk100)	✓	3	✓	3
Nitrite reagents (pk100)	✓	3	✓	3
Digital thermometer	✓	1	✓	1
Comparator	✓	1	✓	1
Comparator cells	✓	4	✓	4
Comparator Chlorine disc	✓	1	✓	1
Comparator Nitrite disc	✓	1	✓	1
Comparator Ammonia disc	✓	1	✓	1
Comparator Nitrate disc	✓	1	✓	1
Arsenic Test Kit (300 tests)	✓	1	✓	1
Turbidity Tube	✓	1	✓	1
Multi-purpose screwdriver	✓	1	✓	1
Pad dispenser	✓	1	✓	1
Eye Glass	✓	1	✓	1
Forceps	✓	1	✓	1
30ml dropper bottle for methanol	✓	1	✓	1
5m sterile syringe	✓	1	✓	1
5m sampling cable with carabiner	✓	1	✓	1
Calibration block	✓	1	✓	1
Silicone grease	✓	1	✓	1
Accessory Boxes	✓	3		
Sterilisable work surface	✓	1		
Vacuum pump	✓	1	✓	1
Vacuum tubing	✓	1	✓	1
12V 4A lead-acid charger/power supply	✓	1	✓	1
Vehicle charging cable	✓	1	✓	1
IEC mains cable - UK type G	✓	1	✓	1
UK to EU adaptor	✓	1	✓	1

DESCRIPTION

AquaSafe® WSL50 Plus+

PACK SIZE

Unit

PART NUMBER

WSL50PLUS+





TECHNICAL SPECIFICATIONS

	WSL50 PLUS	WSL25 PLUS
Dimensions (mm)	⊙ 500 x 305 x 457	⊙ 430 x 290 x 280
Weight	⊙ 20kg	⊙ 12kg
Approvals	⊙ CE Conformity, IP68	
Country of origin	⊙ United Kingdom	
Digital incubator test programs	⊙ 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	
Under interface	⊙ LCD Display ⊙ Tactile soft keys ⊙ Audible alerts	
Power supply	⊙ 12-24 V DC ⊙ Removeable lead acid power pack ⊙ (Rechargeable)	
Power consumption	⊙ 37°C Cycle at 20°C ambient ⊙ Max power 16.1W ⊙ Average power 6W	⊙ 37°C Cycle at 20°C ambient ⊙ Max power 8.1W ⊙ Average power 3W
Test parameters included (with reagent)	⊙ 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 sturdy comparator block with colour wheels	
Manufacturer's warranty	⊙ Standard 1 year from purchase	

