



# 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  
ANALYSIS AND MONITORING EQUIPMENT**





## 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 in-case or on bench use



- ⦿ 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	PACK SIZE	PART NUMBER
Aquasafe® WSL50 Plus+	Unit	WSL50PLUS+
Aquasafe® WSL25 Plus+	Unit	WSL25PLUS+

# 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	

The Technology Centre, Station Road, Thatcham, Berkshire, United Kingdom, RG19 4HZ

T +44 (0)1635 872929 | [info@wagtechprojects.com](mailto:info@wagtechprojects.com) | [sales@trace2o.com](mailto:sales@trace2o.com)

[www.wagtechprojects.com](http://www.wagtechprojects.com) | [www.trace2o.com](http://www.trace2o.com)