Emergency portable water testing kit

AQUASAFE® WSL20

Our simple emergency response kit is able to test for the basic water testing parameters set out by the World Health Organisation (WHO), namely pH, free chlorine, total chlorine, turbidity, temperature and faecal (thermotolerant) coliforms.

Its small, single floating case format allows easy carriage and fast deployment and can withstand the challenges of fieldwork.

⊙ Single incubator with easy to use soft key digital controls

⊙ Adjustable temperature setting allows for the incubation of faecal (thermotolerant) coliforms

⊙ The number of petri-dishes used can now be varied, up to a maximum of 20, without compromising performance through use of the PetriLok® system. This maintains stability of smaller numbers of dishes during transport

⊙ A high performance rechargeable battery pack is built in to the case behind a hinged panel allowing easy access when required. This pack includes an inbuilt docking station for the incubator, allowing easy removal of samples when required

⊙ Chlorine, pH and turbidity all measured using familiar and reliable visual methods

⊙ 2 Part Jackson turbidity tube with augmented threaded secure locking mechanism allowing one-handed operation

You can expand your Aquasafe® WSL20 to include conductivity testing by adding our digital pocket tester. Dissolved oxygen and digital pH also available (see page 26 for details).

DESCRIPTION	PRODUCT CODE
WSL20	WT10-300

The internal space of this Aquasafe® WSL20 emergency response kit is perfectly engineered to ensure that each component has a set location. This makes deployment and pack up quick, and simple, saving time for important testing activity. All components are kept clean, undamaged and easily accessible using the specially designed in case tray.

TECHNICAL SPECIFICATIONS

Dimensions mm	⊙ 430 x 290 x 280
Weight Kg	⊙ 15
Approvals	⊙ IP68, CE-Conformity
Test Programs	⊙ 37°C, 44°C, user defined (between 20°C and 50°C)
	⊙ Adjustable 24 hour countdown timer
Timer	⊙ Adjustable
	⊙ 24 Hour with built in "power loss" pause feature
Number of Incubation Chambers	⊙ 1
Max PetriDish Capacity	⊙ 20
Temperature Range (incubator)	⊙ 20°C to 50°C
Temperature Resolution	⊙ 0.1°C
Temperature Stability	⊙ +/- 0.1°C
Features of the case and components	⊙ Fully waterproof and buoyant with both handle and shoulder strap
	⊙ Case floats, even when full
	⊙ In-Case docking station technology
	⊙ Specifically designed and engineered storage tray as standard for consumables and accessories
	⊙ PetriLok® technology on every petri-dish stack
	⊙ Simple robust visual testing technology for pH, chlorine (free and total) and turbidity
	⊙ 2 part Jackson turbidity tube with threaded connection system
Storage Temperature	⊙ 0°C to 70°C
User Interface	⊙ 16 x 2 LCD display
	⊙ 3 tactile soft keys
	⊙ Audible alert
Power Supply	⊙ 12-24 V DC
	⊙ Removable sealed lead acid power pack
	⊙ Via integral case incubator docking station
Power Consumption	⊙ 37°C cycle at 20°C ambient
	⊙ Max Power 16.1 W
	⊙ Average Power 6 W
	⊙ Heating Rate 0.7°C/min