



# PORTABLE MICROBIOLOGICAL WATER TESTING KITS

## Flexible portable microbiology laboratory

### AQUAFLEX®

This flexible microbiological testing kit uses both petri dishes and dip slides so a wider range of organisms can be detected. Small enough to use in the field and accurate enough to work in a laboratory environment, this system gives ease of use to any testing program.

The integrated Flexi-Frame can be used to incubate dishes from a membrane filtration test, agar plates or even dip slides, all at the same time.

- Small but spacious incubator chamber for multiple samples
- Simple programmability using soft keys to ensure maximum control of your test
- Flexi-Frame allows simultaneous testing of dishes and slides giving a wider biological reach in a shorter timescale
- Rugged Aquaflex Transit Power Pack (TPP) available as an option giving portability into any environment, independent from the laboratory
- Fan assisted heating elements ensure an even temperature throughout the chamber
- Complete with vacuum filtration unit, 50 aluminium petri-dishes and sufficient consumables for 300 coliform tests using the membrane filtration method
- A single rugged carry case provided as standard (Excludes TPP)



DESCRIPTION	PRODUCT CODE
Aquaflex	WT10-400
Transit Power Pack	WT10-410

Detectable organisms via dipslide include (pack of 10 tests):

DESCRIPTION	PART NUMBER	DESCRIPTION	PART NUMBER
Total Coliforms	WT10-800	Faecal (Thermotolerant) Coliforms	WT10-802
Total Plate Count	WT10-804	Escherichia coli	WT10-806
Pseudomonas CFC	WT10-808	Listeria	WT10-810
Enterobacteriaceae	WT10-812	Fungus	WT10-814
Lactobacilli	WT10-816	Yeasts and Moulds	WT10-818
Lactic acid bacteria	WT10-820	Staphylococci	WT10-822

Other organisms detectable with the appropriate selective media

### TECHNICAL SPECIFICATIONS

<b>Microbiological Testing</b>	<ul style="list-style-type: none"> <li>• A complete microbiological kit including               <ul style="list-style-type: none"> <li>• Lightweight sterilisable membrane aluminum filtration unit as standard</li> <li>• Integrated sample cup</li> <li>• Hand operated vacuum pump and rubber tubing</li> <li>• 50 aluminum petri-dishes</li> <li>• Consumables for 300 tests of coliform testing via membrane filtration                   <ul style="list-style-type: none"> <li>• Single sterile wrapped gridded 0.45 µm membranes</li> <li>• Sterile pads</li> <li>• Sterile sachets of membrane lauryl sulphate broth (MLSB)</li> </ul> </li> <li>• Field dechlorination sachets</li> <li>• Methanol (subject to shipping regulations)</li> </ul> </li> </ul>
<b>Incubator</b>	<ul style="list-style-type: none"> <li>• A robust incubator comprising of               <ul style="list-style-type: none"> <li>• Single chamber incubator with timer control</li> <li>• Variable 20°C to 50°C range (ambient +5°C)</li> <li>• Fan assisted heating elements</li> <li>• 16 Bit backlit LCD display</li> <li>• Membrane push button keypad</li> <li>• External status LEDs</li> <li>• Integrated Aquasafe® Flexi-Frame</li> <li>• Dimensions mm 246 x 215 x 162</li> <li>• Weight 1.7 Kg</li> </ul> </li> </ul>
<b>Transit Power Pack (TPP)</b>	<ul style="list-style-type: none"> <li>• 12 V 12 Ah sealed lead acid battery</li> <li>• 30W, 144Wh output</li> <li>• Non-spillable and in conformance with IATA regulations</li> <li>• Visual power indicator with push-to-test button</li> <li>• IP67-rated waterproof case</li> </ul>
<b>Dimensions mm</b>	• 487 x 336 x 229 Primary Kit/300 x 249 x 196 Aquasafe Transit power pack
<b>Weight Kg</b>	• 11- Aquaflex Unit, 3- Aquaflex Transit power pack
<b>Approvals</b>	• IP68, CE conformity
<b>Features of the case and its components</b>	<ul style="list-style-type: none"> <li>• Operating temperature completely programmable between 20°C and 50°C</li> <li>• External LEDs indicate the status of operation of the closed unit</li> <li>• Fan assisted incubator gives a uniform thermal profile in the chamber</li> <li>• Integral Aquasafe Flexi-Frame system</li> <li>• Housed in a rugged waterproof carry case</li> </ul>

For a full range of consumables- see pages 64- 68.

