

Chemical Product Sheet

Portable Test Kit

**PRODUCT NAME:**

DelAgua Water Testing Kits (various)

TEST TYPE:

Microbiological, chemical, and physical parameters

PRODUCT DESCRIPTION:

The DelAgua Water Testing Kit was developed by scientists at the University of Surrey in collaboration with colleagues at Oxfam. The kit is designed for water quality testing in difficult situations or remote areas where laboratory facilities do not exist. The kit is designed for use in the field, but may also be used in a laboratory or other permanent location.

The kit comes in different versions (e.g., Bacteriological Kit #1, Kit #2, Kit#3, Single Incubator, Dual Incubator, Lightweight Incubator) that are suitable for various contexts and budgets. The kits can be supplied with a range of equipment and products that will increase the scope of testing for chemical and physical parameters.

The Single Incubator Kit (Product # DWT 10098) is designed to carry out five water quality tests including membrane filtration for microbiological quality, turbidity, free chlorine, total chlorine, and pH. The kit can test for different indicator organisms including thermotolerant coliforms, E. coli, cholera, and salmonella. The incubator is built with an internal battery and is capable of up to 5 incubation cycles between recharges. Additional equipment can be included on request to test for chemicals that may be of local importance. The kit includes consumable products needed for 200 tests.

MANUFACTURER:

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info@delagua.org

www.delagua.org/product/delagua-single-incubator/

DISTRIBUTORS:

Various distributors worldwide, contact
sales@delagua.org

AVAILABILITY:

UK and international

COST:

Contact DelAgua Water Testing Limited for pricing

STORAGE:

The kit and components must remain dry

MAINTENANCE:

Weekly:

1. Wash, rinse and dry the filtration apparatus
2. Apply a smear of silicone grease to the black rubber O-ring
3. Charge the internal battery fully at the end of each week

Monthly:

Weekly maintenance, plus:

1. Check the incubator temperature and recalibrate if necessary
2. Clean all components of the kit, including the case
3. Check all components for damage that may affect operation

OTHER NECESSARY PRODUCTS:

Sterilization capability for microbiological waste disposal. Heat source able to sustain high heat to prepare culture media. Methanol (approximately 1ml per test), Distilled Water, 1L Measuring Cylinder or Beaker and Clean Cloths.



DelAgua Portable Test Kit (Source: Delagua)

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