



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 24/02/2019, and contains the following Products:

418-160

Paqualab System 50 for Analysis of Drinking Water to EC Standard Categories 1 & 2.



Paqualab System 50 for Analysis of Drinking Water to EC Standard Categories 1 & 2.

Code: 418-160

Product Group: Paqualab Standard Systems

Portable drinking water quality testing system.

Microbiological - Coliform & E.Coli.

Physical - temperature, conductivity & turbidity.

Chemical - pH, Cl, NH₃, NO₂ & NO₃ plus over 40 chemical tests available.

AC/DC and rechargeable battery powered incubator.
On-site testing for fast, accurate results.

Long-term monitoring and emergency testing of drinking water to EC and WHO guidelines.

Comprising of the ELE Paqualab incubator 50, pH/temperature/mV meter, conductivity/temperature meter, turbidity meter, 0 - 1000 FTU, ELE Paqualab photometer, and consumables for 200 tests on faecal or total coliforms, chlorine, ammonia, nitrates and nitrites. Dual Incubators For Up To 50 Microbiological Tests.

The Paqualab is a portable testing system for the key drinking water quality parameters. The Paqualab allows the laboratory to be carried to water so that accurate results are obtained sooner even in remote areas. Laboratory standard results can be obtained by operators with the minimum of training. The equipment provided in each Paqualab has been specifically designed for field use. Aluminium replaces glass for many components for improved strength and lighter weight. The incubators have 2 pre-set temperatures that are usually set to 37°C and 44°C.

The internal battery provides sufficient power for a full incubation cycle.

Over 1000 Paqualabs are in use throughout the world for monitoring drinking water in remote areas, emergency situations, research and education. The Paqualab is a completely modular system. Standard kits are available as shown below. All items are also available individually to enable the user to build a system to meet their specific requirements. In addition, Paqualab Incubator systems contain all the hardware required for microbiological tests. Paqualab standard systems are based on the Incubator systems and also include tests for other parameters as shown below.

Further Information

Overall dimensions 475 x 230 x 275 mm.

Specification

Standard system

| Item supplied | 50 (418-160) | 25 (418-150) |
|---|--------------|--------------|
| (420-035) Universal & Incubator 50 | Yes | - |
| (420-030) Universal Incubator 25 | - | Yes |
| (430-020) pH/Temp/mV meter | Yes | Yes |
| (513-160) Conductivity/TDS/temp meter | Yes | Yes |
| (430-260) Turbidity meter | Yes | Yes |
| (430-550) Photometer | Yes | Yes |
| (433-115/10) Chlorine reagent system, free combined and total pack of 250 | Yes | Yes |
| (433-102/10) Ammonia reagent system, pack of 250 tests | Yes | Yes |
| (433-166/10) Nitrate reagent system, pack of 200 tests | Yes | Yes |
| (433-168/10) Nitrite reagent system, 4 packs of 50 tests | Yes | Yes |

Product Sheet

www.ele.com
+44 (0) 01525 249 200



(422-010) Coliform starter pack. Sufficient for 200 tests

Yes

Yes

Incubator system

Item supplied

50 (418-160)

25 (418-150)

Large rigid carrying case

Yes

-

Standard rigid carrying case

-

Yes

Universal incubator

Yes

Yes

Standard incubator

Yes

-

Incubator linking lead

Yes

-

Filtration unit

Yes

Yes

Mains lead

Yes

Yes

Battery lead

Yes

Yes

Cigar lighter plug

Yes

Yes

Aluminium petri dishes

Yes

Yes

Plastic autoclavable bottles (x4)

Yes

Yes

Dropping pipettes (x2)

Yes

Yes

Forceps

Yes

Yes

Magnifying glass

Yes

Yes

Product Sheet

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| | | |
|------------------------------|-----|-----|
| Thermometer (spirit) | Yes | Yes |
| Trim tool | Yes | Yes |
| Grease | Yes | Yes |
| Instruction manual in binder | Yes | Yes |

Spares/Consumables



Aluminium Petri Dishes Pack of 25.

Code: [422-560](#)



Coliform Starter Pack. Sufficient for 200 Tests

Code: [422-010](#)



Filtration Unit AI Construction Complete with Sampling Cup.

Code: [420-450](#)



Membrane Lauryl Sulphate Medium 38.1 Gram Pack. Sufficient for 200 Tests.

Code: [422-110](#)



Pad Dispenser.

Code: [422-515](#)



Sterile Filter Membranes and Absorbent Pads. Pack of 200.

Code: [422-508](#)

Alternatives



Paqualab System 25 for Analysis of Drinking Water to EC Standard Categories 1 & 2.

Code: [418-150](#)