ELE International

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

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Contents

This wishlist was generated on 14/11/2019, and contains the following Products:

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, CI, 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

	50 (418-160)	25 (418-150)
Item supplied		
(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

(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

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

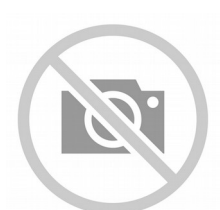### Filtration Unit Al Construction Complete with Sampling Cup.

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