



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

This wishlist was generated on 16/11/2017, and contains the following Products:

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418-160

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

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418-150

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

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420-035

**Paqualab Incubator 50:- Dual Incubator Filtra- Tion Unit 50 AI Petri Dishes**

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420-030

**Paqualab Incubator 25:- Single Incubator Filtration Unit 25 AI Petri Dishes**

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420-450

**Filtration Unit AI Construction Complete with Sampling Cup.**

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## 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, NH<sub>3</sub>, NO<sub>2</sub> & NO<sub>3</sub> 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.

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

# Product Sheet

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



Incubator system

Item supplied	50 (418-160)	25 (418-150)
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Large rigid carrying case	Yes	-
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Standard rigid carrying case	-	Yes
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Universal incubator	Yes	Yes
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Standard incubator	Yes	-
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Incubator linking lead	Yes	-
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Filtration unit	Yes	Yes
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Mains lead	Yes	Yes
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Battery lead	Yes	Yes
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Cigar lighter plug	Yes	Yes
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Aluminium petri dishes	Yes	Yes
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Plastic autoclavable bottles (x4)	Yes	Yes
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Dropping pipettes (x2)	Yes	Yes
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Forceps	Yes	Yes
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Magnifying glass	Yes	Yes
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Thermometer (spirit)	Yes	Yes
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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](#)





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

Code: 418-150

Product Group: Paqualab Standard Systems

Portable drinking water quality testing system.

Microbiological - Coliform &amp; E.Coli.

Physical - temperature, conductivity & turbidity.

Chemical - pH, Cl, NH<sub>3</sub>, NO<sub>2</sub> & NO<sub>3</sub> 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 25, 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.

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 335 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
(422-010) Coliform starter pack. Sufficient for 200 tests	Yes	Yes

# Product Sheet

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



Incubator system

Item supplied	50 (418-160)	25 (418-150)
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Large rigid carrying case	Yes	-
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Standard rigid carrying case	-	Yes
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Universal incubator	Yes	Yes
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Standard incubator	Yes	-
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Incubator linking lead	Yes	-
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Filtration unit	Yes	Yes
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Mains lead	Yes	Yes
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Battery lead	Yes	Yes
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Cigar lighter plug	Yes	Yes
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Aluminium petri dishes	Yes	Yes
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Plastic autoclavable bottles (x4)	Yes	Yes
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Dropping pipettes (x2)	Yes	Yes
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Forceps	Yes	Yes
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Magnifying glass	Yes	Yes
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Thermometer (spirit)	Yes	Yes
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Trim tool	Yes	Yes
Grease	Yes	Yes
Instruction manual in binder	Yes	Yes

## Spares/Consumables



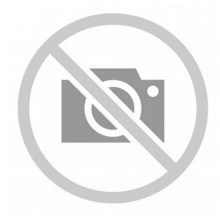
### Aluminium Petri Dishes Pack of 25.

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

Code: [418-160](#)



## **Paqualab Incubator 50:- Dual Incubator Filtration Unit 50 Al Petri Dishes**

Code: 420-035

Product Group: **Paqualab Portable Incubators &  
Filtration Unit**

Contamination by sewage is the greatest danger associated with water for drinking.

This is because sewage may contain organisms that cause diseases such as typhoid, dysentery and hepatitis.

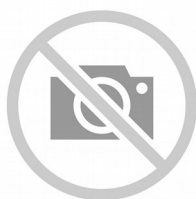
The bacteria which cause the disease are very small and cannot be seen without a microscope. The

Most common method of counting bacteria is to encourage them to grow to form a colony of bacteria large enough to be seen and counted. It would be very dangerous for the operator if the disease causing organisms were grown, therefore harmless indicator bacteria are used. Indicator organisms are much more common than disease causing organisms and so are easier to detect. The presence of coliforms, faecal coliforms and faecal streptococci are used to establish whether a water supply has been contaminated with sewage.

Paqualab Incubator System is a Portable Testing System for Drinking Water.

The Paqualab Incubator 50 includes two incubators the Standard and Universal, of which will perform 50 Tests - Faecal & Total Coliforms in one incubation period. Each Incubator has 2 pre-set temperatures normally 37°C and 44°C, a membrane filtration unit, microbiological accessories kit, connecting cables and operating manual. All components are in a convenient rigid carrying case which can also accommodate a number of electronic meters from the ELE Paqualab range. The system will operate on 12V or 24V DC, 110V or 20V AC or the internal 12V rechargeable battery supplied.

## **Spares/Consumables**



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

Code: 420-450



## Paqualab Incubator 25:- Single Incubator Filtration Unit 25 Al Petri Dishes

Code: 420-030

Product Group: [Paqualab Portable Incubators & Filtration Unit](#)

Contamination by sewage is the greatest danger associated with water for drinking.

This is because sewage may contain organisms that cause diseases such as typhoid, dysentery and hepatitis.

The bacteria which cause the disease are very small and cannot be seen without a microscope. The

Most common method of counting bacteria is to encourage them to grow to form a colony of bacteria large enough to be seen and counted. It would be very dangerous for the operator if the disease causing organisms were grown, therefore harmless indicator bacteria are used. Indicator organisms are much more common than disease causing organisms and so are easier to detect. The presence of coliforms, faecal coliforms and faecal streptococci are used to establish whether a water supply has been contaminated with sewage.

The ELE Paqualab 25 includes a Universal Incubator of which 25 Tests of Faecal & Total coliforms in one incubation period complete with two pre-set temperatures (normally 37 °C and 44°C) a membrane filtration unit, microbiological accessories kit, connecting cables and operating manual. All components are housed in a convenient rigid carrying case which can also accommodate a number of electronic meters from the ELE Paqualab range. The system will operate on 12V or 24V DC, 110V or 240V AC, or the internal 12V or 24V DC, 110V or 240V AC, or the internal 12V rechargeable battery supplied. The ELE Paqualab 25 includes a universal incubator with 2 pre-set temperatures (normally 37°C and 44°C), a membrane filtration kit, connecting cables and operating manual. All components are housed in a convenient rigid carrying case which can also accommodate a number of electronic meters from the ELE Paqualab range.

## Spares/Consumables





## Filtration Unit AI Construction Complete with Sampling Cup.

Code: [420-450](#)



## Filtration Unit AI Construction Complete with Sampling Cup.

Code: [420-450](#)

Product Group: [Paqualab Portable Incubators & Filtration Unit](#)

- Anodised Aluminium Membrane Filtration Unit.
- Light compact and field sterilisable.
- Fits together for storage into a size 120 mm high x 80 mm diameter.
- Supplied with sampling cup and nylon cord.
- Filtration unit graduated with 50 ml and 100 ml levels.
- Supplied with hand-operated suction pump.

## Spares/Consumables



### Spare Parts Kit for Filtration Unit.

Code: [420-451](#)

## Alternatives



### Spare Parts Kit for Filtration Unit.

Code: [420-451](#)