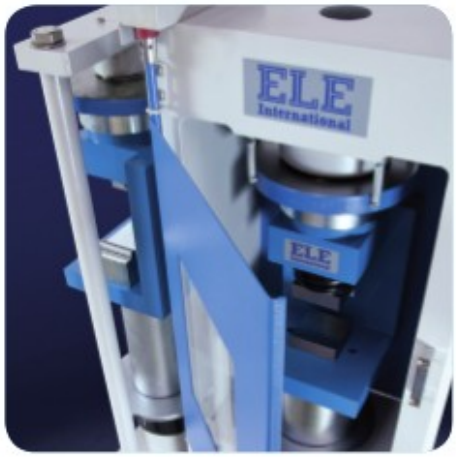
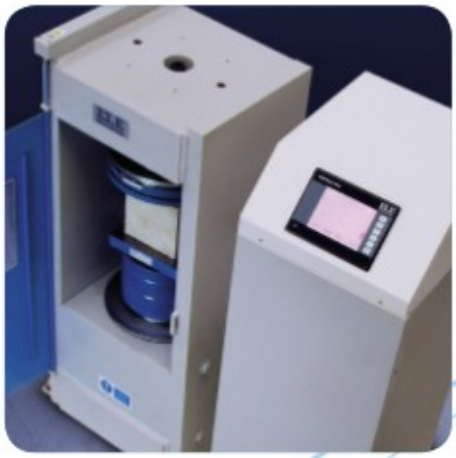


ELE INTERNATIONAL



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

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Contents

This wishlist was generated on 29/06/2020, and contains the following Products:

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 that 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 ^{0}C and 44^{0}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 24C 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 accomodate a number of electronic meters from the ELE Paqualab range.

Coliform Starter Pack. Sufficient for 200 Tests

Code: 422-010

Product Group: Microbiological starter packs and consumables

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Each Pack contains Microbiological Consumables Pack for Coliforms.

Comprising 200 Grid Membranes and Absorbent Pads.

Pad Dispenser And 38.1G Of Powered Lauryl Sulphate Broth.

Digital pH/Temp/mV Meter with electrode, carrying case and pH 4 & 7 buffers

Code: 430-020
Product Group: Paqualab Test Meters

Robust waterproof case offering IP66/67 protection

Manual/automatic temperature compensation

Easy to use re-calibration function

The 430-020 pH meter is a three-in-one instrument that features a large easy to read, LCD display that indicates pH over the range of -2 to 16 pH with a resolution of 0.01 pH, mV over the range of -1000 to 1000 mV and temperature over the range of -39.9 to 149.9°C with a resolution of 0.1°C. The LCD display features both low battery indication and a user selectable backlight.

The pH readings are either manually or automatically temperature compensated over the range of 0 to 100°C. To automatically compensate, it is necessary to utilise a thermistor temperature probe. Each unit incorporates an auto-power off facility that automatically turns the instrument off after ten minutes, maximising battery life.

The 430-020 has an integrated rubber seal to ensure complete water resistance and helps to reduce the possiblity of damage in harsh environments. At the touch of a button, the instrument will automatically re-calibrate (two-point autocal) itself when used in conjunction with pH buffer solutions.

Each unit incorporates an easy to use BNC connector and Lumberg screw-locking type connector.

Further Information

Specification

Range	Resolution	Accuracy
-2 to 16 pH	0.01 pH	± 0.02 pH
± 1000 mV	1 mV	± 1 mV
-39.9 to 149.9 °C	0.1 °C	± 0.4 °C (-10 to 70 °C)
Battery	3 x 1.5 volt AAA	
Battery Life	Maximum 5 years (2500 hours)	
Sensor Type	Combination electrode/ thermistor	
Display	12 mm LCD	
Dimensions	32 x 71 x 141mm	

Weight	230 grams

Turbidity Meter. Range 0-1000 FTU. Supplied with Carrying Case, Batteries and Calibration Solutions

Code: 430-260
Product Group: Paqualab Test Meters

- Easy to use.
- High range.
- Calibration data storage facility.
- Results displayed as FTU.
- Water resistant.

Suitable for testing either natural and treated water, or waste water and effluents.

This portable microprocessor-based turbidity meter provides lab-grade accuracy even in the field. With 4 keys and weighing only 510 grams, the meter measures turbidity from 0 to 1000 FTU (NTU). For best field accuracy, it measures from 0 to 50 FTU in steps of 1/100th of FTU.

Unlike standard lamps, the infrared LED has a long life. More significantly, it maintains constant emission for the entire life of the instrument.The wavelength peaks at 890nm, which provides the required intensity of diffused light even in samples with low turbidity values, and also reduces the interference from any colours.

The meter is very easy to use. All operations can be carried out with only four keys and troubleshooting functions can be performed with error code on LCD. Moreover, the meter's versatility and durability ensure low maintenance.

The meter can store and retrieve the last calibration data. At the touch of a key, the last calibration data together with time and date are displayed allowing the user to maintain an accurate calibration schedule auto shutoff turns the meter off after 5 minutes of non-use to save batteries.

The turbidity meter comes supplied with 2 cuvettes, tissues, cleaning solution and calibration solutions for 0 and 10 FTU.

Specification

Range	0.00 to 50.00 FTU; 50 - 1000 FTU.
Resolution	0.01 FTU (0.00 to 50.00 FTU); 1 FTU (50-1000 FTU).
Accuracy	± 0.5 FTU or ± 5% of reading (whichever is greater).

Battery life	60 hours or 900 measurements. Automatic shut-off after 5 minutes of non-use. (4 x 1.5 VAA batteries).
Weight	510g (including case and calibration solutions).
Dimensions	220 x 82 x 66 mm.

Paqualab photometer

Code: 430-550
Product Group: Paqualab Test Meters

Lightweight and portable for laboratory or field use.

Accurate results using tablet reagents which have a long shelf-life.

Over 40 different water tests available for use with the photometer.

Ideal for use with ELE's Paqualab systems.

This Paqualab photometer is simple to use, robust in construction and designed for on-site analysis. The photometer provides dependable results to enable decisions on water quality to be made instantly and with confidence.

Simple operation with automatic set-up for each test. Designed for reagent systems in tablet form.

Rapid access to frequently used tests from a choice of over 100 parameters/methods.

With dilution tube, 8 glass curvettes, operating instructions and hard carrying case.

Further Information

Test reagent tablets are not supplied. Available separately under Photometer Reagents.

Specification

Instrument type	Dual light source photometer offering direct-reading of pre-programmed test calibrations, absorbance and transmittance
Wavelengths	450 nm, 500 nm, 550 nm, 570 nm, 600 nm, 650 nm
Accuracy	± 1.0% T
Display	320 x 240 pixel LCD with backlight and contrast adjustment
User interface	On-screen prompts available in English, French, Spanish, German, Italian, Turkish and Mandarin (Chinese)
Dimensions (w x l x h)	150 x 250 x 70 mm
Weight	975g
IP rating	IP67

Power supply	3x 1.5V AA batteries (typically 40 hours)
Test cuvettes	Automatic centring for cylindrical cuvettes from 13 to 20 mm OD

Chlorine Reagent System Free Combined and Total 0 - 5.0Mg/Litre Sufficient for 50 Tests

Code: 433-115
Product Group: Photometer Reagents

Total Chlorine Test. High levels of Chlorine are used to disinfect or sterilise water distribution systems.

Specification

Measurement Range	0-5.0 mg/l

Uv/Vis Spectrophotometer with 100 Plastic Cuvettes 10X10mm Cell Holder Instructions & Mains Lead

Code: 485-031/01
Product Group: General laboratory instrumentation

Conductivity/Temp/TDS Meter with Electrode and Carrying Case

Code: 513-160

Product Group: Paqualab Test Meters

Hand-held Conductivity Meter with a conductivity range 0.0µS/cm to 200.0mS/cm, TDS range 0.01mg/l to 200.0mg/l, with electrode clip, probe and standard sachets.

Compact design with built-in, hingeing stand for bench use, IP67 protection level housing, single point calibration with automatic recognition of 3 pre-defined standards, 200 measurement memory, large segmented LCD readout, automatic linear temperature compensation from 0.00% to 10.00%/˚C, automatic or manual end-point recording with audiovisual signals.
Supplied as a standard kit with electrode clip, wrist strap, instructions, batteries, probe, sealing caps 2 x 1413µS/cm and 2 x 12.88mS/cm standard sachets.

Specification

Model		513-160
Ranges		
	Conductivity	0.0µS/cm to 200.0mS/cm
	TDS	0.01mg/litre to 200.0mg/litre
	Temperature	0.0 to 100.0°C
Calibration		1 point, with 3 pre-defined standards
Temperature compensation	Automatic	Adjustable, 0.0% per °C to 10.0% per °C
Reference temperature	°C	20 or 25 selectable
Input		LTW 7pin
Power		4 x 1.5V AA alkaline batteries
Overall W x D x H	mm	77 x 33 x 188
Weight	G	260

50 Litre Drying Oven

Code: 78-1215/01

Product Group: Oven Drying Method, Oven Drying Method, Oven Drying Method

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

NOT AVAILABLE FOR SALE IN THE USA

150 Litre Drying Oven

Code: 78-1235/01

Product Group: Oven Drying Method, Oven Drying Method, Oven Drying Method

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Water Bath - 12 litres

Code: 82-8500/01
Product Group: Water Baths

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Specification

Capacity	12 litres
Working area	210 x 300 mm
Tray	Yes
Max Water Depth	130 mm
Controller	Digital
Temperature range and stability ºC	0 to 99.9 ± 0.1
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power kW	1.5
Weight	8.1 kg