



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

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This wishlist was generated on 04/04/2018, and contains the following Products:

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430-260

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

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513-160

**Conductivity/Temp/TDS Meter with Electrode and Carrying Case**

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422-010

**Coliform Starter Pack. Sufficient for 200 Tests**

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## 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 possibility 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	

# Product Sheet

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Weight

230 grams

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## Spares/Consumables



**Spare pH electrode for use with 430-020 meter**

Code: [430-020/10](#)



## **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).

## Product Sheet

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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.



## 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 0.0 $\mu$ S/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 1413 $\mu$ S/cm and 2 x 12.88mS/cm standard sachets.

## Specification

Model	513-160	
Ranges	Conductivity	0.0 $\mu$ S/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





## Coliform Starter Pack. Sufficient for 200 Tests

Code: [422-010](#)

Product Group: [Microbiological starter packs and consumables](#)

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.

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.

## Spares/Consumables



## 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



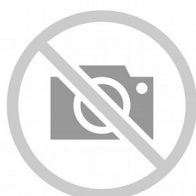
## Membrane Lauryl Sulphate Medium 38.1 Gram Pack. Sufficient for 200 Tests.

Code: [422-110](#)



## Pad Dispenser.

Code: [422-515](#)



## Sterile Filter Membranes and Absorbent Pads. Pack of 200.

Code: [422-508](#)