

















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

www.ele.com

Contents

This wishlist was generated on 26/06/2017, and contains the following Products:

513-024

Complete Soil Analysis Test Kit. Photometer Ph and Conductivity Meters and Reagents for 50 Tests

430-020

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

513-160

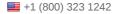
Conductivity/Temp/TDS Meter with Electrode and Carrying Case

430-260

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

510-144

Sampling Kit with Water Retentivity Rings







Complete Soil Analysis Test Kit. Photometer Ph and Conductivity Meters and Reagents for 50 Tests

Code: 513-024 Product Group: Soil test kits

A complete soils analysis kit:

- pH
- lime requirement
- nitrate nitrogen
- phosphate
- potassium
- conductivity
- calcium
- magnesium
- aluminium
- ammonia
- copper
- chloride
- iron
- manganese
- sulphate

Further Information

Reagents 50 Tests of each parameter. Includes soil scoop, de-ion pack, Pocket TDS Meter, SoilTest 10 Instrument and Pokcet pH Meter.

The kit is ideal where highly accurate measurement of soil ph is required or where the measurement of conductivity for salt content is an important factor in agricultural management.

The ph and conductivity meters included in the kit are each supplied in a soft carrying pouch.





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

Code: 430-020 Product Group: Paqualab Test Meters

reduct creap. require rest motors

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 -2 to 16 pH ± 1000 mV -39.9 to 149.9 °C Battery Battery Life Sensor Type Display Dimensions ResolutionAccuracy0.01 pH $\pm 0.02 \text{ pH}$ 1 mV $\pm 1 \text{ mV}$ $0.1 ^{\circ}\text{C}$ $\pm 0.4 ^{\circ}\text{C}$ (- $3 \times 1.5 \text{ volt AAA}$ $\pm 0.4 ^{\circ}\text{C}$ (-Maximum 5 years (2500 hours)Combination electrode/ thermistor12 mm LCD $32 \times 71 \times 141 \text{mm}$

Accuracy ± 0.02 pH ± 1 mV ± 0.4 °C (-10 to 70 °C)



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



Weight

230 grams

Spares/Consumables



Spare pH electrode for use with 430-020 meter

Code: 430-020/10





Conductivity/Temp/TDS Meter with Electrode and Carrying Case

Code: 513-160

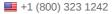
Product Group: Paqualab Test Meters

Hand-held Conductivity Meter with a conductivity range 0.0μ 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 $2 \times 1413\mu$ S/cm and 2×12.88 mS/cm standard sachets.

Specification Model Ranges	Conductivity TDS	513-160 0.0μS/cm to 200.0mS/cm 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 Input	°C	20 or 25 selectable LTW 7pin
Power	mm	4 x 1.5V AA alkaline batteries 77 x 33 x 188
Overall W x D x H	2	200
Weight	G	260





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

Resolution

Accuracy

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

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



Battery life

Weight

Dimensions

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





Sampling Kit with Water Retentivity Rings

Code: 510-144 Product Group: Augers

This kit contains the necessary items to sample above and below the water table and comprises the handle and beating head, Edelman auger, a riverside auger, a closed ring auger and spare cutting shoe, a hammering head and guide cylinder for the rings, a nylon headed hammer, 3 extension rods 500 mm long, 24 numbered sample rings with end caps in an aluminium case, a bent spatula, brush and a carrying bag for all the equipment.

Further Information

Above and Below The Water Table

