



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

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46-4825/01

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430-020

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## Vacuum Pump

Code: [82-7720/01](#)

Product Group: [Vacuum Pumps](#)

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Specification

Type	Single stage
Pump	Oil filled rotary
Ultimate vacuum	Better than 0.1 mbar
Displacement	42 litres per minute (2.4 m <sup>3</sup> /hour)
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Weight	12.7 kg



## Electrical Hotplate with Integral Magnetic Stirrer

Code: [46-4825/01](#)

Product Group: [Ring and Ball Apparatus](#)

Circular-top analogue magnetic hotplate stirrer.

Speed controls for constant speed (even during load changes).

Anti-corrosive ceramic steel plate with excellent thermal conductivity.

Long life brushless motor.

High magnetic adhesion.

CE marked.

## Standards

EN 1427, BS 2000-58

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Specification

Temperature range	Ambient-340 Deg.C
Stirring speed	0-1500 rpm
Max. Viscosity	40 cP/ mPas
Heating rate (1 litre water)	6K/min
Motor type	Brushless
Stirring capacity	20L
Plate diameter	5.3"
Plate material	Ceramic coated steel
Dimensions	11"L x 6 1/4"W x 3"H
Weight	6lbs



## 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](#)



## Stopwatch

Code: [81-0521](#)

Product Group: [Watches and Clocks](#)

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Specification

Dimensions (mm)

64 x 53 x 19



## Digital Thermometer

Code: [82-5442](#)

Product Group: [Hand-held Digital Thermometers](#)

Range -75 - 1200°C

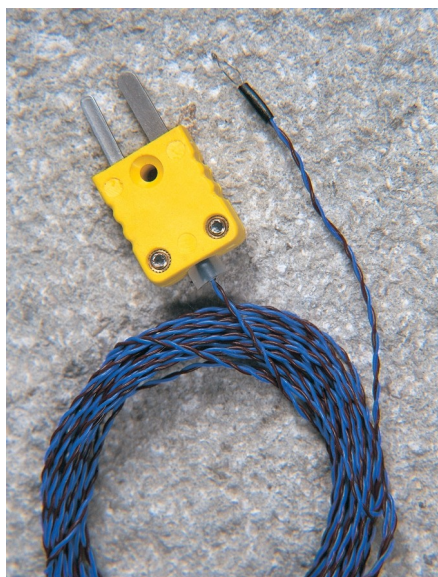
## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Specification

Range	-75 to +1200°C or -30 to +199.9°C or -75 to +1999°F
Resolution and accuracy	1°C (-75 to +1200°C), 0.2% ± 0.1°C, 0.1°C (-30 to +199.9°C) 0.2% ± 1.0°C, 1°F (-75 to +1999°F), 0.2% ± 2.0°F
Cold junction (automatic)	0 to 45°C
Weight	500 g





## Thermocouple Wire

Code: [82-5440/10](#)

Product Group: [Hand-held Digital Thermometers](#)

Accessory. 3 metre length, suitable for 82-5440 Digital Thermometer.

The thermocouple is NiCr/NiAi PTFE covered with a naked exposed junction. Supplied with a coupling unit the maximum reading is 250°C with a tip diameter of 0.5 mm. (Pack of 5).

## Further Information

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