



Single Parameter Instruments & Kits A-Z

Acidity/Air Speed



ACIDITY

Hach Drop Count Kit Model AC-6

Easy to use drop count kit for the measurement of methyl-orange (MO) and phenolphthalein(P) acidity.

Measuring ranges: 5 – 100mg/l in steps of 5
20 – 400mg/l in steps of 20

Chemistry: Drop count titration/sodium hydroxide.

Supplied with reagents for 100 tests of MO and P, instructions and carrying case.

Reference: HH/02223-01

£43.80



Hach Digital Titrator Kit Model AC-DT

Titration/drop count kit using the Hach digital titrator. Measures both methyl orange(MO) and phenolphthalein(P) acidity.

Measuring range: 10 – 4000mg/l as CaCO₃ in steps of 0.1 to 10.

Chemistry: Digital titrator/sodium hydroxide.

Supplied with reagents for 100 tests of MO and P, instructions and carrying case.

Reference: HH/20640-00

£248.90

LaMotte Drop Count Kit Model 7182

Easy to use drop count kit for the measurement of phenolphthalein(P) acidity.

Range: 1 drop = 0.1 or 1.0%

Chemistry: Drop count/sodium hydroxide.

Supplied with sufficient reagents for 50 tests at 10%

Reference: LE/6605-0200

£26.00



AIR SPEED

SKYWATCH® Xplorer 1 Anemometer

Small handheld anemometer with instant display of wind speed and 'max' speed reached.

Units: km/h, mph, m/s, fps and knots.

Range/resolution: 0 to 150 km/h, 0.1unit

Measuring cycle: 2 measurements per second.

Backlight display

Reference: ID/XPLORER 1

£30.00



Air Speed

SKYWATCH® Xplorer 2

As the Xplorer 1 but with the addition feature of wind speed and temperature display or wind speed and chill factor display.

Units: km/h, mph, m/s, fps and knots.

Range/resolution: 0 to 150 km/h, 0.1unit

Measurement cycle: 2 measurements per second.

Temperature units: °C or °F

Temperature range: -50 to +100°C

Backlight display.

Reference: ID/XPLORER2

£38.00



Kestrel Model 1000 Anemometer

Pocket sized anemometer designed for use in rugged environments. The instrument floats and is rated to IP67.

Measures current, maximum and average air flow.

Range: 0.3m/s to 40m/s

Operating temperature: -15 to +50°C

Auto off feature

Supplied with battery

Reference: KE/1000

£78.00



Kestrel Model 3000 Anemometer

Pocket sized anemometer designed for use in rugged environments. The instrument floats and is rated to IP67.

Measures current, maximum and average air flow, temperature, wind chill, relative humidity, heat index and dew point.

Range: 0.3m/s to 40m/s, 0 to 100% rh

Operating temperature: -15 to +50°C

Auto off feature

Supplied with battery

Reference: KE/3000

£156.00



Alkalinity



Lovibond Mini Kit

ALKALINITY

Lovibond Mini Kit

For the measurement of total alkalinity using a drop count titration method.

Measuring range: 20-500mg/l CaCO_3

Chemistry: Drop count/tablet

Supplied with reagents for 100 tests

Reference: TT/41.41.40

£18.40



Hach Drop Count Kit

Hach Drop Count Kit Model AL-AP

Easy to use drop count kit for the measurement of P and total (MO) alkalinity.

Measuring ranges: 5 – 100mg/l as CaCO_3 in steps of 5
20 – 400mg/l as CaCO_3 in steps of 20

Chemistry: Drop count/sulphuric acid

Supplied with reagents for 100 tests of P and MO, instructions and carrying case.

Reference: HH/24443-01

£43.80



Hach Digital Titrator Kit

Hach Digital Titrator Model AL-DT

Titration/drop count kit using the Hach digital titrator. Measures both P and Total(MO) alkalinity.

Measuring ranges: 10 – 4000mg/l as CaCO_3 in steps of 10

Chemistry: digital titrator/sulphuric acid

Supplied with reagents for 100 tests of P and MO, instructions and carrying case.

Reference: HH/20637-00

£248.90



LaMotte Drop Count Kit

LaMotte Drop Count Kit Model 4533

Easy to use drop count kit for the measurement of P and T Alkalinity.

Range: 1 drop = 10ppm as CaCO_3

Chemistry: Drop count/sulphuric acid.

Supplied with sufficient reagents for 50 tests at 200ppm.

Reference: LE/6605-0201

£39.00



ALUMINIUM

Camlab CW2030 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate reproducible results

Measuring range: 0 – 0.3mg/l as Al^{3+} in steps of 0.05

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Supplied with reagents for 100 tests, accessories, carrying case and instructions

Reference: CW/20.64.00

£270.00

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0 – 0.80mg/l as Al^{3+} in steps of 0.01

Chemistry: Aluminom

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, accessories, carrying case and instructions

Reference: HH/58700-25

£362.50

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0 – 0.3mg/l Al in steps of 0.01

Chemistry: Tablets reagents Aluminium No1 and 2

Reference: TT/14.72.00

£31.50

Quantofix Test Papers for Aluminium

Easy to use test papers supplied in boxes of 100.

Graduations: 0-5-20-50-200-500 mg/l Al^{3+}

Reference: MN/913.07

£28.00



Camlab CW2030 Colorimeter



Hach Pocket Colorimeter



Lovibond Colour Comparator Kit



Quantofix Test Papers

Ammonia/Ammonium



Camlab CW2040 Colorimeter

AMMONIA/AMMONIUM

Camlab CW2040 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0 – 1 and 0 – 10mg/l as NH_4^+ in steps of 0.01 minimum

Wavelength: 660nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Supplied with reagents for 100 tests, accessories, carrying case and instructions.

Reference: CW/20.65.00

£270.00



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0.01 – 0.80mg/l $\text{NH}_3\text{-N}$ in steps of 0.1

Chemistry: Salicylate

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, accessories, carrying case and instructions

Reference: HH/58700-40

£318.20



Lovibond Colour Comparator Kit

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case

Measuring range: 0 – 1mg/l N in steps of 0.05

Chemistry: Tablet reagents ammonia 1 and 2

Reference: TT/14.72.10

£31.30



Hach Colour Comparator Kit

Hach Colour Comparator Kit Model NI-8

Colour disc kit with reagents for 100 tests, carrying case and instructions

Measuring range: 0 – 3mg/l $\text{NH}_3\text{-N}$ in steps of 0.1

Chemistry: Nessler reagent

Reference: HH/02241-00

£72.10

Ammonium/Arsenic/Ascorbic Acid

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 25 tests, instructions and carrying case.

Measuring range: 0 – 2.5mg/l as $\text{NH}_3\text{-N}$ for freshwater in steps of 0.5

Chemistry: Nessler reagent.

Reference: HH/12524-00 £24.30



Hach Cube Kit

Simple to use colour comparison kit complete with reagents and instructions

Measuring range: 0 – 0.8mg/l as $\text{NH}_3\text{-N}$ for freshwater in steps of 0.2

Chemistry: Salicylate

Reference: HH/22669-00 £34.80

Quantofix Test Papers for Ammonium

Easy to use test papers supplied in boxes of 100

Graduations: 0-10-25-50-100-200-400 mg/l as NH_4^+

Reference: MN/913.15 £28.00

Ammonia Ion Selective Electrode

Suitable for any pH/ISE meter,
BNC adapters available if required

For ISE electrodes
see page 198

ARSENIC

Quantofix Test Papers for Arsenic 10

Easy to use test papers supplied in boxes of 100

Graduations: 0-0.01-0.025-0.05-0.1-0.5 mg/l as $\text{As}^{3+}/^{5+}$

Reference: MN/913.34 £46.00

Quantofix Test Papers for Arsenic 50

Easy to use test papers supplied in boxes of 100

Graduations: 0-0.05-0.1-0.5-1.0-1.7-3.0 mg/l as $\text{As}^{3+}/^{5+}$

Reference: MN/913.32 £44.00



ASCORBIC ACID

Quantofix Test Papers for Ascorbic Acid

Easy to use test papers supplied in boxes of 100

Graduations: 0-50-100-200-300-500-1000-2000 mg/l
as Vitamin C

Reference: MN/913.14 £19.00

BOD (Biological Oxygen Demand)



Camlab CW7000 Direct Reading BOD Measurement System

The CW7000 sensor system is a six sample system that allows precise measurement of BOD based on the manometric principal. Manometric respirators relate oxygen uptake to the change in pressure caused by oxygen consumption while maintaining a constant volume. The modern integral pressure sensors used eliminate the need for mercury.

Features:

- Direct display of BOD in mg/l.
- User friendly handling.
- User selectable measuring period of 1 to 28 days.
- Automatic start function.
- Automatic storage of BOD values.
- Mercury free.
- Each position is independent.

SPECIFICATIONS

Ranges	0-40, 0-80, 0-200, 0-400, 0-800, 0-2000, 0-4000mg/l
Accuracy	0.5% full scale at 20°C
Applications	BOD5, BOD7, OECD301F
Measurement parameter displayed	BOD range, volume, duration of time of measurement
Measurement period	1 to 28 days user selectable
Auto result storage	Up to 28 days depending on measurement period
Auto start function	After temperature equalisation of samples. Can be switched off.
Class	IP54 (sensor head)
Dimensions (l x w x h)	375 x 195 x 230mm (including stirring unit)

Camlab CW7000 Direct Reading BOD System complete with six sensor heads, stirring unit, six sample bottles, six rubber gaskets, six magnetic stirring rods, 157ml sample flask, 428ml sample flask, potassium hydroxide, nitrification inhibitor and instructions.

Reference: CW/2.44.44.06 £1226.00

Camlab CW7000 Direct Reading BOD System as above but with 12 sensor heads.

Reference: CW/2.44.44.10 £2149.00

Complete set of sample flasks.

Reference: TT/41.86.54 £100.00

Spare sensor head.

Reference: TT/2.44.44.30 £185.00

BOD sample bottle, brown glass, pk6

Reference: TT/41.86.45 £22.40



BOD (Biological Oxygen Demand)

Hach BODTrak Direct Reading BOD Apparatus

The BODTrak Apparatus features easy set up, quick sample preparations, no titrations or dilutions. The unit gives results directly in mg/l and at any time during the test the BOD rate can be viewed graphically on the LCD display.

Features:

- Continual display of results in mg/l BOD.
- Auto shut off once test completed.
- Collects and stores data in non-volatile memory.
- Mercury free.

SPECIFICATIONS

Ranges	0-35, 0 - 70, 0 -350, 0 - 700mg/l
Measurement time	5, 7 or 10 day test selectable.
Dimensions (w x h x d)	305 x 305 x 127mm

Hach BODTrak BOD Apparatus complete with six amber bottles, stopcock grease, six magnetic stirring bars, funnel, fifty nutrient pillows, fifty lithium hydroxide pillows and manual.

Reference: HH/26197-00 £1610.00



Hach BODTrak Direct Reading BOD Apparatus

Camlab BODTrak Incubator

This unit is exclusive to Camlab and is designed specifically to accept the BODTrak Apparatus. Internal connection points enable the BODTrak to be powered up and completely self contained inside

Features:

Temperature range: 0 to 20°C

Dimensions 420 x 540 x 350mm w x d x h

Camlab BODTrak Incubator

Reference: FR/BOD-10 £1330.00



Camlab BODTrak Incubator

Measuring Ranges and Sample Volumes

The BOD level of the sample depends on the quantity of organic matter present which can vary considerably. Selection of the correct volume of sample is critical and the Camlab CW7000 unit has been calibrated for different volumes depending on the range. Details of these volumes are given below

Range mg/l BOD	Sample Volume ml
0-40	428
0-80	360
0-200	244
0-400	157
0-800	94
0-2000	56
0-4000	21.7

Bromine



LaMotte Portable Colorimeter

BROMINE

LaMotte Portable Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and easy to use operation.

Measuring range: 0 – 7mg/l in steps of 0.05

Features:

- Silicon photodiode.
- LED light source.
- RS232 interface.

Supplied with reagents for 100 tests, accessories and instructions.

Reference: LE/6605-0051

£330.00



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0 – 4.5mg/l Br₂ in steps of 0.01
0 – 10mg/l Br₂ in steps of 0.1

Chemistry: DPD

Features:

- Silicon photodiode.
- LED light source.
- IP67 casing.
- 2000 test battery life.

Supplied with reagents for 100 tests, carrying case and instructions.

Reference: HH/58700-01

£362.30



Lovibond Colour Comparator Kit

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and instructions

Measuring range: 0 – 5mg/l Br₂ in steps of 0.2

Chemistry: Tablet reagents/DPD

Reference: TT/14.72.80

£29.50



Hach Cube Kit

Hach Cube Kit

Simple to use colour comparison kit for Bromine, complete with reagents for 50 tests and instructions.

Measuring range: 0 – 3mg/l Br₂ in steps of 0.6

Chemistry: DPD

Reference: HH/21940-00

£34.80



Calcium Hardness/Carbon Dioxide

CALCIUM HARDNESS

Lovibond Mini Kit

Tablet count kit for ease of use.

Measuring range: 20-800mg/l CaCO_3

Supplied with reagents for 100 tests

Reference: TT/41.41.60

£18.40

Quantofix Test Papers for Calcium Hardness

Easy to use test papers in boxes of 60.

Graduations: 0-10-25-50-100 mg/l Ca^2

Reference: MN/913.24

£35.00



Lovibond Mini Kit

CARBON DIOXIDE

Hach Drop Count Kit Model CA-23

Easy to use drop count kit.

Measuring range: 1.25 – 100mg/l CO_2 in steps of between 1.25 and 5

Chemistry: Drop count/sodium hydroxide/phenolphthalein

Supplied with reagents for 100 tests

Reference: HH/01436-01

£39.70



Hach Drop Count Kit

Hach Digital Titrator Kit Model CA-DT

Titration/drop count kit using the Hach digital titrator.

Measuring range: 10 – 1000mg/l CO_2 in steps of between 0.1 and 2.0

Chemistry: Digital titrator/sodium hydroxide/phenolphthalein.

Supplied with reagents for 50 low and 50 high range tests.

Reference: HH/20641-00

£239.40



Hach Digital Titrator Kit

Carbon Dioxide/Chloride



Testo Model 535

- The Testo 535 allows for the efficient measurement of carbon dioxide in the air. This hand held unit offers the following features.
- Long term monitoring based on maximum and mean calculation.
- Long-term stable 2 channel infrared sensor.
- Repeated calibration is unnecessary.

SPECIFICATIONS

Probe type	2 channel infrared
Range	0 to 9999ppm
Accuracy	50ppm between 0 to 5000ppm
Resolution	1ppm
Measuring medium	Air
Operating temperature	0 - 50°C
Battery	9V
Auto off	10 minutes
Dimensions/weight	190x57x42mm / 300g

Complete with integrated probe, batteries and calibration certificate.

Reference: TS/0560.5350

£400.00

CHLORIDE

Camlab CW2050 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 5 – 200mg/l Cl⁻ in steps of 1

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Supplied with reagents for 100 tests, accessories, carrying case and instructions.

Reference: CW/20.71.00

£313.00

Lovibond Mini Kit

For the measurement of chloride using the tablet count method

Measuring range: 5 – 5000mg/l Cl

Chemistry: Count/tablet

Supplied with reagents for 100 tests

Reference: TT/41.41.80

£24.72



camlab

Hach Drop Count Kit Model 8-P

Easy to use drop count kit.

Measuring ranges: 5 – 100mg/l Cl^- in steps of 5
20 – 400mg/l Cl^- in steps of 20

Chemistry: Drop count/silver nitrate

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/01440-01

£44.90



Hach Drop Count Kit

Hach Drop Count Kit Model CD-51

Easy to use drop count kit.

Measuring ranges: 500 – 10000mg/l Cl^- in steps of 500
5000 – 100000mg/l Cl^- in steps of 5000

Chemistry: Drop count/silver nitrate

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/02086-01

£103.40



Hach Drop Count Kit

Hach Digital Titrator Model CD-DT

Titration drop count kit using the Hach Digital Titrator

Measuring range: 10 – 8000mg/l Cl^- in steps of 0.1 to 20

Chemistry: Digital titrator/ mercuric nitrate

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/20635-00

£248.90



Hach Digital Titrator

Quantifix Test Papers for Chloride

Easy to use test papers supplied in boxes of 100

Graduations: 0-500-100-1500-2000-3000 mg/l Cl^-

Reference: MN/913.21

£20.20

Chloride Ion Selective Electrode

Suitable for any pH/ISE meter,
BNC adapters available if required



Quantifix Test Papers

For ISE electrodes see page 198

Chlorine



Camlab CW1000 Pocket Colorimeter

CHLORINE

Camlab CW1000 Pocket Colorimeter

The only pocket colorimeter specifically designed to work with powder, tablet and liquid reagents with separate calibration curves for each. This easy to use truly pocket unit is ideal for field or laboratory use offering many advantages over other units available. Includes an extended measuring range and allows the user to select their preferred reagent type without the fear of non-compatibility.

SPECIFICATIONS

Measuring range	0 - 6mg/l free and total
Resolution	0.01mg/l
Accuracy	0 - 1mg/l = +/- 0.05mg/l 1 - 2mg/l = +/- 0.1mg/l 2 - 3mg/l = +/- 0.2mg/l 3 - 4mg/l = +/- 0.3mg/l 4 - 6mg/l = +/- 0.4mg/l
Optics	Temperature compensated LED(528nm)
Data collection	10 point internal memory with real time clock
Display	Backlit LCD
Environmental conditions	0 - 40°C, 30 - 90% RH
Dimensions	45 x 65 x 160mm(hxwx d)
Housing	Waterproof
Power supply	9V battery

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: CW/27.00.00

£275.00

Camlab CW2010 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0 – 6mg/l Cl₂ in steps of 0.5

Wavelength: 528nm

Chemistry: DPD Tablet

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: CW/20.69.00

£270.00



Camlab CW2010 Colorimeter



camlab

Camlab CW2010 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0 – 6mg/l Cl₂ in steps of 0.5

Wavelength: 528nm

Chemistry: DPD Pillow

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: CW/20.99.50

£270.00



Camlab CW2000 Colorimeter

Camlab CW2010 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0 – 6mg/l Cl₂ in steps of 0.5

Wavelength: 528nm

Chemistry: DPD Liquid

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: CW/20.69.00

£270.00



Camlab CW2000 Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0.02 – 2.0mg/l Cl₂ in steps of 0.01

Chemistry: DPD Powder

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, accessories, carrying case and instructions

Reference: HH/58700-00

£312.90



Hach Pocket Colorimeter

Chlorine

Visicolor Colorimeter

Mini Economy photometer designed for drinking water and swimming pool analysis.

Measuring range: 0.10 – 5.00mg/l Cl₂

Chemistry: DPD Liquid

Supplied in carrying case with accessories and reagents for 150 tests

Reference: MN/931.215

£300.00



Lovibond Colour
Comparator Kit

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and instructions

Measuring range: 0.02 – 0.3mg/l Cl₂ in steps of 0.01

Chemistry: Tablet reagents/DPD

Reference: TT/14.70.00

£34.00

Lovibond Colour Comparator Kit

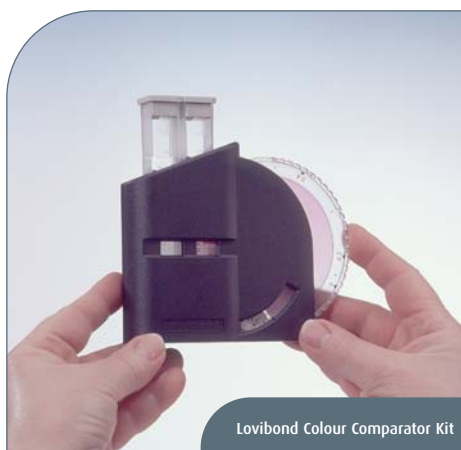
Checkit comparator kit complete with colour disc, reagents and instructions

Measuring range: 0 - 1mg/l Cl₂ in steps of 0.1

Chemistry: Tablet reagents/DPD

Reference: TT/14.70.10

£29.50



Lovibond Colour Comparator Kit

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and instructions

Measuring range: 0.1 - 2mg/l Cl₂ in steps of 0.1

Chemistry: Tablet reagents/DPD

Reference: TT/14.70.40

£29.50

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and instructions

Measuring range: 0 - 4mg/l Cl₂ in steps of 0.1

Chemistry: Tablet reagents/DPD

Reference: TT/14.70.30

£34.00



Chlorine

Hach Colour Comparator Kit Model CN-66

Colour disc kit with reagents for 50 free and 50 total tests and instructions.

Measuring range: 0 – 3.5mg/l Cl_2 free and total chlorine.

Chemistry: DPD powder

Reference: HH/02231-01 £60.80



Hach Colour Comparator

Hach Colour Comparator Kit Model CN-66F

As model CN-66 but for free chlorine only.

Reference: HH/02231-02 £60.80

Hach Colour Comparator Kit Model CN-66T

As model CN-66 but for total chlorine only

Reference: HH/02231-03 £52.50



Hach Colour Comparator Kit

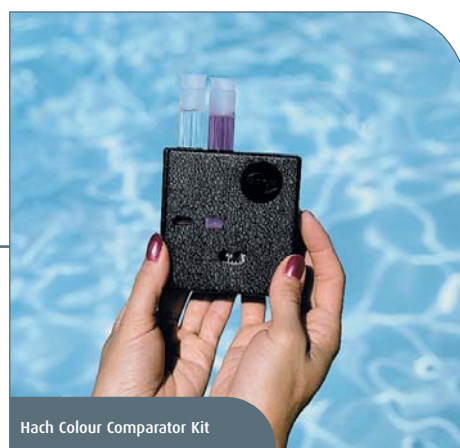
Hach Colour Comparator Kit Model CN-70

Colour disc kit with reagents for 100 tests, instructions and carrying case.

Measuring range: 0 – 0.7mg/l Cl_2 free and total chlorine.
0 – 3.5mg/l Cl_2

Chemistry: DPD powder

Reference: HH/14542-00 £87.60



Hach Colour Comparator Kit

Hach Colour Comparator Kit Model CN-70F

As model CN-70 but for free chlorine only, with reagents for 200 tests.

Reference: HH/14542.01 £73.50

Hach Colour Comparator Kit Model CN-70T

As model CN-70 but for total chlorine only, with reagents for 200 tests.

Reference: HH/14542-02 £73.50

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0 – 2.5mg/l free Cl_2 in steps of 0.5

Chemistry: DPD powder

Reference: HH/20603-00 £22.20



Hach Cube Kit

Chlorine



Hach Drop Count Kit Model CN-21P

Easy to use drop count kit for total chlorine.

Measuring range: 10 – 200mg/l Cl_2 in steps of 10

Chemistry: Drop count/thiosulphate

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/24444-00

£46.20



Hach Digital Titrator Kit Model CN-DT

Titration drop count kit using the Hach digital titrator.

Measuring range: 20 – 2000mg/l Cl_2 in steps of 0.2 to 5.0

Chemistry: Drop count/thiosulphate

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/24711-00

£246.80



Quantofix Test Papers for Chlorine

Easy to use test papers supplied in boxes of 100

Graduations: 0-1-3-10-30-100 mg/l Cl_2

Reference: MN/913.17

£35.00



LaMotte Tracer Pocket Tester for Total Chlorine

This pocket tester measures total chlorine in the range 0 – 10.00 mg/l. Cl_2 . Additional probes also available for pH and ORP making this a truly versatile handheld unit. An additional weighted stand eliminates the danger of tipping and enables precise stable measurements to be made.

Features:

- Automatic self calibration
- Extra bold display
- Memory for up to 15 readings
- Waterproof design
- Automatic shut off and low battery indicator
- Weighs only 100grams



LaMotte Tracer Pocket
Tester for Total Chlorine

LaMotte Tracer Pocket Tester complete with reagents for 50 tests

Reference: LE/6605-0550 £151.00

pH probe **Reference:** LE/6605-0554 £36.00

ORP probe **Reference:** LE/6605-0555 £46.00

Weighted stand **Reference:** LE/6605-0557 £13.40

Replacement Chlorine reagent pk100 **Reference:** LE/6605-0553 £28.00

Reagents for chlorine

Camlab DPD Free Chlorine Powder Pillows for 10ml sample pk100

Reference: CW/53.01.00 £12.10

Camlab DPD Free Chlorine Powder Pillows for 10ml sample pk1000

Reference: CW/53.01.03 £92.30

Camlab DPD Total Chlorine Powder Pillows for 10ml sample pk100

Reference: CW/53.01.20 £12.10

Camlab DPD Total Chlorine Powder Pillows for 10ml sample pk1000

Reference: CW/53.01.23 £94.40

Camlab DPD Free Chlorine Powder Pillows for 25ml sample pk100

Reference: CW/53.01.10 £13.70

Camlab DPD Free Chlorine Powder Pillows for 25ml sample pk1000

Reference: CW/53.01.13 £116.65

Camlab DPD Total Chlorine Powder Pillows for 25ml sample pk100

Reference: CW/53.01.30 £13.70

Camlab DPD Total Chlorine Powder Pillows for 25ml sample pk1000

Reference: CW/53.01.33 £103.55

Hach DPD Free Chlorine Powder Pillows for 10ml sample pk100

Reference: HH/21055-69 £12.70

Hach DPD Free Chlorine Powder Pillows for 10ml sample pk1000

Reference: HH/21055-28 £96.90

Hach DPD Total Chlorine Powder Pillows for 10ml sample pk100

Reference: HH/21056-69 £15.10

Hach DPD Total Chlorine Powder Pillows for 10ml sample pk1000

Reference: HH/21056-28 £114.50

Hach DPD Free Chlorine Powder Pillows for 25ml sample pk100

Reference: HH/14070-99 £15.10

Hach DPD Free Chlorine Powder Pillows for 25ml sample pk1000

Reference: HH/14070-28 £126.00

Hach DPD Total Chlorine Powder Pillows for 25ml sample pk100

Reference: HH/14064-99 £15.10

Hach DPD Total Chlorine Powder Pillows for 25ml sample pk1000

Reference: HH/14064-28 £126.00

DPD No1 Tablet pk100.

Reference: TT/51.10.60 £6.50

DPD No3 Tablet pk100

Reference: TT/51.10.80 £6.70

DPD No1 High Calcium Tablet pk100

Reference: TT/51.57.40 £7.70

DPD No1 Buffer Solution 15ml

Reference: TT/47.10.10 £10.90

DPD No1 Reagent Solution 15ml

Reference: TT/47.10.20 £10.90

DPD No3 Solution 15ml

Reference: TT/47.10.30 £10.90

Chlorine Dioxide/Chromate/Chromium



Lovibond Colour Comparator Kit

CHLORINE DIOXIDE

Lovibond Colour Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0.01 – 0.2mg/l ClO₂

Chemistry: DPD No1/ DPD Glycine tablets

Reference: TT/14.73.30

£33.20



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter hand-held colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0-5mg/l ClO₂ in steps of 0.01

Chemistry: DPD/Glycine

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case and instructions.

Reference: HH/58700-51

£362.30



Quantofix Test Papers

CHROMATE

Quantofix Test Papers for Chromate

Easy to use test papers supplied in boxes of 100.

Graduations: 0-3-10-30-100mg/l CrO₄²⁻

Reference: MN/913.01

£21.80



LaMotte Comparator Kit

CHROMIUM

LaMotte Comparator Kit

Colour comparator kit using the Octet comparator box.

Graduations: 0.1,0.2,0.4,0.6,0.8,1.0,1.2,1.5 mg/l Cr.

Reference: LE/6605-0213

£89.00



Chromium/Cleaning Acid Strength/Cobalt

Hach Pocket Colorimeter

Single parameter hand-held colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0-0.5mg/l hexavalent Cr in steps of 0.01

Chemistry: Diphenylcarbazide

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case and instructions.

Reference: HH/58700-17

£362.30



Hach Pocket Colorimeter

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0-1.0mg/l as hexavalent Cr in steps of 0.2

Chemistry: Diphenylcarbazide

Reference: HH/12527-00

£22.90



Hach Cube Kit

Hach Colour Comparator Kit Model CH-8

Colour disc kit with reagents for 100 tests and instructions.

Measuring range: 0-1.5mg/l as hexavalent Cr in steps of 0.1

Chemistry: Diphenylcarbazide

Reference: HH/01834-00

£61.20



Lovibond Mini Kit

CLEANING ACID STRENGTH

Lovibond Mini Kit

Easy to use tablet count kit

Measuring range: 0.75 – 10% acid

Supplied with reagents for 100 tests.

Reference: TT/41.41.00

£24.00



Quantofix Test Papers

COBALT

Quantofix Test Papers for Cobalt

Easy to use test papers supplied in boxes of 100.

Graduations: 0-10-25-50-100-250-500-1000mg/l Co²⁺.

Reference: MN/913.03

£19.90

COD (Chemical Oxygen Demand)



Economy COD Reactor

Economy COD Reactor

A robust economical COD reactor equipped with user selectable temperature setting to allow for COD or total phosphorus reactions at 150°C or 105°C. The internal temperature sensor prevents over heating and the block incorporates a small port to accommodate a stainless steel external sensor.

Features:

- 25 positions
- Accepts all leading makes of 16mm vials
- 120 minute timer with alarm
- Auto off feature

COD reactor

Reference: HI/C9800-02

£425.00

Bench top safety shield 381mm high x 406mm wide.

Reference: NE/6350-1524

£300.00



Hach DRB200

Hach DRB200 Series of COD Reactors

Hach COD Reactors with adjustable temperature between 37 and 165°C. Pre-programmed for all Hach standard digestion applications including COD, Unicell, TNT etc.

Features:

- Fast heat up time
- One touch operation
- Digital countdown timer
- Transparent safety lid
- Overheating protection

COD reactor DRB200-1 for 9 x 16mm/2 x 20mm tubes,

Reference: HH/LTV082-30001

£380.00

COD reactor DRB200-1 for 15 x 16 mm tubes.

Reference: HH/LTV082-40001

£380.00

COD reactor DRB200-2 21 x 16mm/4 x 20mm tubes

Reference: HH/LTV082-42001

£750.00

Adapter for 20 to 16mm

Reference: HH/HHA155

£3.15



FOR COLOUR ANALYSIS GO TO HAZEN ON PAGE 85



COD (Chemical Oxygen Demand)

Camlab CW2020 Portable Colorimeter

Single parameter designed specifically for the measurement of COD. This unit is aimed at those just interested in COD and eliminates the need to purchase an expensive multi parameter meter. The unit is supplied in a carrying case and includes all necessary light shield and adapters.

Features:

- Fixed wavelength of 430 or 605nm
- Automatic zero calibration
- LED light source with long term stability
- Large LED display
- Auto switch off
- Accepts all standard 16mm vials.



Camlab CW2020 Portable Colorimeter

CW2000 for COD, 0-150, 0-1500, 0-15000 mg/l
Reference: CW/20.92.50 £345.00

16mm COD Vials

Camlab COD vials 0-150mg/l, pk25
Reference: CW/24.20.722 £27.70
Camlab COD vials 0-1500mg/l, pk25
Reference: CW/24.20.721 £27.70
Camlab COD vials 0-15000mg/l, pk25
Reference: CW/24.20.720 £27.70

Hach COD Vials 0-150mg/l, pk25
Reference: HH/21258-51 £31.00
Hach COD vials 0-1500mg/l, pk25
Reference: HH/21259-51 £31.00
Hach COD vials 0-15000mg/l, pk25
Reference: HH/24159-51 £31.00

Hach mercury free COD vials 0-150mg/l, pk25
Reference: HH/23458-52 £31.00
Hach mercury free COD vials 0-1500mg/l, pk25
Reference: HH/23459-52 £31.00

13mm vials

Hach-Lange COD vials 5-60mg/l, pk25
Reference: HH/LCK414 £39.95
Hach-Lange COD vials 15-150mg/l, pk25
Reference: HH/LCK314 £39.95
Hach Lange COD vials 50-300mg/l, pk25
Reference: HH/LCK614 £39.95
Hach-Lange COD vial 100-2000mg/l, pk25
Reference: HH/LCK514 £39.95

Hach-Lange COD vial 150-1000mg/l, pk25
Reference: HH/LCK114 £39.95
Hach-Lange COD vial 1000-10000mg/l, pk25
Reference: HH/LCK014 £39.95
Hach-Lange COD vial 5000-60000mg/l, pk25
Reference: HH/LCK914 £39.95

COD Standard Solutions in bottles of 500ml

10mg/l
Reference: RN/COD10 £50.36
50mg/l
Reference: RN/COD50 £50.37
100mg/l
Reference: RN/COD100 £50.37
200mg/l
Reference: RN/COD200 £50.36
500mg/l
Reference: RN/COD500 £50.36
600mg/l
Reference: RN/COD600 £50.36
1000mg/l
Reference: RN/COD1000 £50.36
1300mg/l
Reference: RN/COD1300 £50.36
1500mg/l
Reference: RN/COD1500 £50.36
5000mg/l
Reference: RN/COD5000 £50.30
10000mg/l
Reference: RN/COD10M £50.30

COD Vial Disposal

Camlab also offer a full used vial disposal service – please contact our Technical Sales on 01954 233120 for full details.

Conductivity



Camlab Water Model CW6220
Portable Conductivity Meter

CONDUCTIVITY

Camlab Water Model CW6220 Portable Conductivity Meter

The CW6220 microprocessor controlled hand held conductivity meter is designed to meet the day to day demands of reliable on-site and laboratory measurements. The water tight housing rated to IP67 makes it suitable for use in the harshest environments and this is enhanced by the protective housing and built in electrode holder. The easy to use keypad and clear display makes it suitable for field or indoor operation. A clip/stand is incorporated on the rear of the meter to allow for wall hanging or bench use.

Features:

- Conductivity, TDS, salinity and temperature.
- Automatic temperature compensation.
- Internal memory for 20 data sets.
- Low battery and battery change indicator.
- Shock-absorbing rubber protective casing.
- Waterproof to IP67.

SPECIFICATIONS

Conductivity	0.00 to 200.0ms/cm in four ranges
TDS	0 - 1999mg/l
Salinity	0.0 to 70.0g/kg
Temperature	-5.0 to +100.0°C
Power supply	4 x 1.5V battery type AA
Auto-off function	0 - 120 minutes

CW6220 Portable Conductivity Meter complete with measuring cell, accessories, carrying case and instruction manual

Reference: CW/72.22.20 £418.00

Spare measuring cell.

Reference: TT/72.22.25 £210.00

Replacement carrying case.

Reference: TT/72.50.20 £24.40



Camlab Water Model CW6120 Portable Conductivity Meter

The CW6120 is a high quality, portable, battery operated meter with a measuring range of 0.001 to 19.99mS/cm. The meter is supplied as standard with a protective case and built in cell holder, ensuring reliable operation even in extreme conditions. An automatic battery check warns of low battery.

SPECIFICATIONS

Range	0.001 to 19.99mS/cm
Resolution	0.001/0.01 mS/cm
Temperature compensation	0 to 100°C
Ambient conditions	0-50°C, 0-80% re humidity
Battery	9V
Dimensions	208x110x34mm (lwxh)
Weight	Approx. 380g

CW6120 Portable Conductivity Meter complete with measuring cell, accessories, carrying case and instructions.

Reference: CW/72.23.00 £155.00

Spare measuring cell.

Reference: TT/2.41.88.20 £59.00



Camlab Water Model CW6120 Portable Conductivity Meter

Mettler SevenGo Conductivity Meter Model SG3

The SevenGo unit offers exceptional performance and reliability in an easy to use portable format.

Features:

- Intuitive menu operation using softkeys
- Contact free infrared communication
- Clear display of measured values and settings
- Data memory for 30 GLP data points
- Automatic end-point recognition and temperature compensation
- Automatic standards recognition 84uS/cm, 1413uS/cm or 12.88mS/cm

SPECIFICATIONS

Conductivity	0.01uS/cm to 500mS/cm
Resolution	0.01 uS/cm to 1mS/cm
Temperature	-5 to +105°C
Resistivity	0.00 to 100.00 MΩ cm
Salinity	0.00 to 80.00ppt
Sensor inputs	LTW 7 pin
Power requirements	4 x AA batteries
Operating environment	0 to 40 °C, 5 to 85% relative humidity (non condensating)
Dimensions/ Weight	220 x90x45mm/325g (without batteries)
Rating	IP67



Mettler SevenGo Conductivity Meter Model SG3

Conductivity



The unit is supplied with electrode and accessories plus the option of a carrying case. Also available is the ErGo field assistant. This systems acts as a holder for the meter, has a strap for hands free operation, allows electrodes to be stored wet and turns your SevenGo into a mobile bench top unit.

SevenGo SG3 with electrode, batteries and operating instructions.

Reference: MT/51302532 £420.00

SevenGo SG3 with electrode, batteries, operating instructions and case

Reference: MT/51302533 £480.00

SevenGo SG3 with electrode, batteries, operating instructions, case and ErGo field assistant.

Reference: MT/51302534 £510.00

Hach Senslon 5 Portable Conductivity Meter

The Senslon 5 hand held unit is designed for field use. The rugged, waterproof and floatable case means it is suitable for use in harsh environments.

Features:

- Conductivity, TDS, salinity and temperature measurements.
- Large LCD display
- Slip resistant keypad.
- Anti-glare coating

SPECIFICATIONS

Conductivity	0.00uS/cm to 199.9mS/cm in four ranges
Temperature	-10 to +110°C
Salinity	0 to 42g/l (ppt)
TDS	0 to 50000 mg/l as NaCl

Data can be collected in the field and downloaded back in the laboratory via the optional docking station. This can also be used as a mains power supply for laboratory use.

Hach Senslon 5 complete with measuring cell (1 metre cable), accessories and instructions

Reference: HH/51800-10 £640.00

Spare measuring cell (1 metre cable)

Reference: HH/51975-00 £243.60

Spare measuring cell (3 metre cable)

Reference: HH/51975-03 £260.40

Docking station

Reference: HH/51875-02 £152.30

Carrying case

Reference: HH/51903-00 £50.70



Conductivity

Schott Handylab Conductivity Meter

Battery operated meter suitable for the measurement of conductivity, TDS, salinity and temperature. Available in two models with the LF12 having the added advantage of data storage and RS232 interface.

Features:

- Range 0.0uS/cm to 500mS/cm
- -5 to +105°C
- 2500 hours battery life
- Low battery indicator
- Data storage of 500 records (LF12 model only)
- RS232 interface (LF12 model only)

Handylab LF11 complete with two pole cell, accessories, standards, carrying case and instructions.

Reference: SC/28.520.3321 £610.00

Handylab LF11 as above but with four pole cell.

Reference: SC/28.520.3346 £660.00

Handylab LF12 complete with four pole cell, accessories, standards, carrying case and instructions

Reference: SC/28.520.3379 £770.00

Connecting cable for LF12 to PC

Reference: SC/28.520.4959 £142.00



Schott Handylab Conductivity Meter

Conductivity Checker

Choice of two low cost pocket checkers. Both units feature the following:

- Push button auto calibration
- Accuracy of +/- 1.5% full scale
- 250 hours battery life
- Auto temperature compensation between 0 to 60°C

Each meter is supplied with probe, 20ml sachet of calibration standard, batteries and instructions

Conductivity checker 0 – 1999ppm

Reference: HI/PRIMO £34.65

Conductivity checker 0 – 1999uS/cm

Reference: HI/PRIMO5 £34.65



Conductivity Checker

Conductivity



Eutech Instruments Cyberscan CON6000 Conductivity Meter

Take your bench top conductivity measurement to a new dimension with the worlds first Windows® CE driven full colour touch screen research grade meter.

The CON 6000 offers greater flexibility than standard bench top conductivity meters. This innovative unit takes efficient laboratory measurements to a new level and includes:

- Measurement of conductivity, resistivity, TDS and salinity
- Single or multi point standardisation
- Advanced real-time on-screen graphing function provides useful indication for specific measurements.
- Extensive set up screens enable you to customise meter to your needs e.g. cell constant, temperature coefficient, TDS factor etc.
- Windows® CE driven, full colour touch screen provides unmatched ease of use in operations and set ups with user friendly icons, user prompts and context specific help screens
- Advanced USB, IRDA connectivity allows extensive host/device communication capabilities.
- Ethernet/Internet ready with RJ45 input for connection to LAN or Internet for quick online research and data sharing.
- Secure log-in for up to ten users.

SPECIFICATIONS

Conductivity Mode	
Cell constants	0.1, 1.0, 10
Range	0 - 500mS/cm
Resistivity	3 ohm-cm to 100 megohm-cm
Salinity	0 to 90 ppt
TDS	0.0 to 500.0 ppt
Accuracy	0.5% of full scale +1digit
Temperature Mode	
Range	-5 to +105°C
Resolution	0.1°C
General	
Operating temperature	5 to 45°C
Humidity	5 - 80% non-condensing
Memory	10000 data points
Dimensions	16.5 x 23 x 8.9cm
Weight	1100g

Cyberscan CON 6000 with electrode, integral electrode holder, conductivity sachets and mains adapter.

Reference: EH/EC-CON6000/43S £1210.71

Spare conductivity cell, cell constant 1.0, epoxy

Reference: EH/EC-620-165 £284.29

Other cells available please contact our **Technical Sales** on 01954 233120.

Conductivity Standard Solutions

All supplied in 500ml bottles and calibrated at 25°C

84 uS/cm	
Reference: RN/CSKC84	£18.24
147 uS/cm	
Reference: RN/CSKCS	£18.24
1413 uS/cm	
Reference: RN/CSKCL	£18.24
12880 uS/cm	
Reference: RN/CSKC12880	£18.24
5 uS/cm	
Reference: RN/CSK5	£48.63
10 uS/cm	
Reference: RN/CSKC10	£48.63
50 uS/cm	
Reference: RN/CSKC50	£48.63
100 uS/cm	
Reference: RN/CSKC100	£48.63
500 uS/cm	
Reference: RN/CSKC500	£48.63
1000 uS/cm	
Reference: RN/CSKC1000	£48.63
5000 uS/cm	
Reference: RN/CSK5M	£48.63
10000 uS/cm	
Reference: RN/CSKS10M	£48.63
50000uS/cm	
Reference: RN/CSKS50M	£48.63
100000uS/cm	
Reference: RN/CSKC100M	£48.63
500000uS/cm	
Reference: RN/CSKC500M	£48.63

For other values please contact our **Technical Sales** on
01954 233110.



Conductivity Standard
Solutions

COPPER

Camlab CW2060 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0 – 5mg/l Cu in steps of 0.5

Wavelength: 528nm

Chemistry: Copper No1 and 2

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.72.00 £270.00



Camlab CW2000 Colorimeter

Copper



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0. – 5.0mg/l Cu in steps of 0.01

Chemistry: Bicinchoninate

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, accessories, carrying case and instructions

Reference: HH/58700-19

£362.30



Lovibond Comparator Kit

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0 – 5 mg/l Cu

Chemistry: Copper No1 and 2

Reference: TT/14.74.30

£34.90



Hach Colour Comparator Kit

Hach Colour Comparator Kit Model CU-6

Colour disc kit with reagents for 100 tests, instructions and carrying case.

Measuring range: 0 – 5mg/l free and total copper.

Chemistry: Bicinchoninate

Reference: HH/21941-00

£74.40

Hach Colour Comparator Kit Model CU-5

Colour disc kit with reagents for 100 tests, instructions and carrying case.

Measuring range: 0 – 5mg/l Cu free.

Chemistry: Bicinchoninate

Reference: HH/14213-00

£74.40



Quantofix Test Papers

Quantofix Test Papers for Copper

Easy to use test papers supplied in boxes of 100.

Graduations: 0-10-30-100-300 mg/l Cu⁺/Cu²⁺

Reference: MN/913.04

£13.40



Cyanide/Cyanuric Acid/DEHA

CYANIDE

Hach Colour Comparator Kit Model CYN-3

Colour disc kit with reagents for 100 tests, instructions and carrying case.

Measuring range: 0 – 0.2 mg/l, CN^-

Chemistry: Pyridine-Pyrazolone

Reference: HH/02010-02

£165.90

Quantofix Test Papers for Cyanide

Easy to use test papers supplied in boxes of 100.

Graduations: 0-1-3-10-30 mg/l, CN^-

Reference: MN/913.18

£34.00

Ammonia Ion Selective Electrode

Suitable for any pH/ISE meter,
BNC adapters available if required

For ISE electrodes see page 198



Hach Colour Comparator Kit



Lovibond Mini Kit

CYANURIC ACID

Lovibond Mini Kit

Easy to use turbidity kit

Range 20 – 200mg/l

Reference: TT/41.42.20

£18.40

Hach Colour Comparator Kit Model CY-3

Colour disc kit with reagents for 100 tests, instructions and carrying case.

Measuring range: 20 – 100mg/l.

Chemistry: Turbidity

Reference: HH/01851-02

£63.70



Hach Colour Comparator Kit

DEHA

Camlab CW2070 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0.2 – 0.5mg/l

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.97.00

£270.00



Camlab CW2000 Colorimeter

DEHA/Density



Lovibond Comparator Kit

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0 – 0.5 mg/l

Chemistry: DEHA reagents

Reference: TT/14.74.30

£34.90

DENSITY



Densito 30PX Portable
Density/Specific Gravity Meter

Densito 30PX Portable Density/Specific Gravity Meter

The quick and easy to use Densito 30PX utilises the oscillating tube method to measure the density of liquids. Simply immerse the sample tube into the sample, pull the trigger and take the reading.

Features:

- Small sample size required
- Fast results
- Backlit display which can be activated or deactivated
- Built in time and date
- Instrument identification.
- 1100 results memory

Infrared interface for downloading to PC or printer

SPECIFICATIONS

Range	0-2g/cm ³
Resolution	0.0001g/cm ³
Units	brix%, API with enhanced tables, sulphuric acid %, alcohol-w/w%, alcohol-v/v%, degrees Baume, degrees Plato, and user defined unit.
Accuracy	+/- 0.0001g/cm ³
Temperature Range	+5 to +35°C
Resolution	0.1°C

Densito 30PX portable density meter complete with carry case, sample bottles and CD-ROM

Reference: MT/51324450

£1449.00

Accessories:

Infrared Adapter

Reference: MT/51325006

£159.00

Density water standard sachets 10x6ml

Reference: MT/51325005

£21.00

Syringe adapters

Reference: MT/51324402

£19.00



Detergents/Floc Testing

DETERGENTS

LaMotte Drop Count Kit

Easy to use drop count kit

Measuring range: Each drop equivalent to 1.0ppm

Supplied with reagents for approx. 60 tests

Reference: LE/6605-0217

£115.00



LaMotte Drop Count Kit

FLOC TESTING

Phipps and Bird Standard Jar/Floc Tester

The Phipps and Bird unit is available in a four or six place format. Constructed on a powder coated steel uniframe chassis the stainless steel paddles are spaced 150mm apart and are adjustable to a maximum depth of 230mm.

Features:

- Stirring speed 1 to 300rpm.
- Illuminated base.
- Digital readout

Each unit is supplied with a dust cover and either 1 litre standard glass beakers or 2 litre square acrylic testing jars. The four position unit also has the option of a heavy duty carrying case.



Phipps and Bird Standard Jar/Floc Tester

Six place unit with 6 round beakers.

Reference: PB/7790-702

£3010.00

Six place unit with 6 square beakers.

Reference: PB/7790-712

£3250.00

Four place unit with 4 round beakers.

Reference: PB/7790-752

£2760.00

Four place unit with 4 square beakers.

Reference: PB/7790-762

£3010.00

Carrying case for four place unit.

Reference: PB/7791-020

£550.00



FOR DISSOLVED OXYGEN ANALYSIS GO TO PAGE 96

Floc Testing



Phipps and Bird Programmable Jar/Floc Tester

These units utilise four operator-programmable memory banks to offer virtually unlimited stirring capabilities. Each memory bank can be programmed with paddle speed and run times as required. The stirrer is constructed from powder coated steel and the stainless steel paddles are spaced 150mm apart and adjustable to a maximum depth of 230mm.

Features:

- Programmable speed of between 5 to 300 rpm in 1 rpm increments
- Programmable run times from 1 second to 100 minutes in 1 second increments
- Illuminated base
- Digital readout.

Each unit is supplied with a dust cover and either 1 litre standard glass beakers or 2 litre square acrylic testing jars. The four position unit also has the option of a heavy duty carrying case.

Six place programmable unit with 6 round beakers.

Reference: PB/7790-902 £3380.00

Six place programmable unit with 6 square beakers.

Reference: PB/7790-912 £3620.00

Four place programmable unit with 4 round beakers.

Reference: PB/7790-952 £3010.00

Four place programmable unit with 4 square beakers

Reference: PB/7790-962 £3250.00

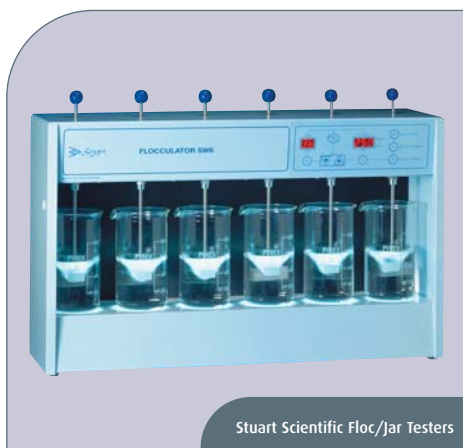
Carrying case for four place unit.

Reference: PB/7791-020 £550.00

B-Ker jar testing

2 litre acrylic square beakers ideal for floc testing. A 10cm settling distance is allowed for and the 6.5mm wall thickness ensure a constant sample temperature for consistent test results.

Reference: PB/7790-630 £92.00



Stuart Scientific Floc/Jar Testers Model SW5 and SW6

These rugged units are available in two or six position formats and are specially designed for repeatable conditions between samples from run to run. A digital display clearly indicates the speed of the rotational stainless steel paddles.

Features:

- Speed range 25 – 250 rpm
- Timer 0 to 99 minutes (SW6 only)
- 2 pre-set programs
- Digital display
- Illuminated base

Each unit is supplied without beakers.

Six place floc tester

Reference: CN/SW6 £1330.00

Two place floc tester

Reference: CN/SW5 £720.00

Pyrex® glass beakers, 1000ml, pk10

Reference: CN/1015/22D £68.00

Automatic coagulant injector (SW6 only)

Reference: CN/SW6/2 £57.00



Fluoride/Formaldehyde

FLUORIDE

Camlab CW2080 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0.2 – 0.5mg/l F

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.93.00

£398.00



Camlab CW2080 Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0. – 2.0mg/l F⁻ in steps of 0.1

Chemistry: SPADNS

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, accessories, carrying case and instructions

Reference: HH/58700-05

£362.30



Hach Pocket Colorimeter

FORMALDEHYDE

Hach Colour Match Kit Model FM-2

Easy to use colour match kit complete with reagents for 100 tests, instructions and carrying case.

Increments: 0, 0.5, 1 and 5mg/l as CH₂O

Chemistry: MBTH

Reference: HH/22672-00

£64.50



Hach Colour Match Kit Model FM-2

Formaldehyde/Glutaraldehyde/Hardness



Hach Drop Count Kit

Hach Drop Count Kit Model FM-1

Dual range drop count kit complete with reagents for 100 tests, instructions and carrying case.

Ranges: 0.05 – 1% in steps of 0.05 as CH_2O
0.5 – 10% in steps of 0.5 as CH_2O

Chemistry: Thymolphthalein.

Reference: HH/21831-00 £72.30

Quantofix Test Papers for Formaldehyde

Easy to use test papers supplied in boxes of 100.

Graduations: 10-20-40-60-100-200 mg/l HCHO

Reference: MN/913.28 £30.00



Hach Colour Comparator Kit

GLUTARALDEHYDE

Hach Colour Comparator Kit Model GT-1

Colour disc kit with reagents for 100 tests, instructions and carrying case.

Measuring range: 0.5 – 4000mg/l in steps of 0.5

Reference: HH/25872-00 £315.00



Camlab CW2090 Colorimeter

HARDNESS (TOTAL)

Camlab CW2090 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 50 - 500mg/l as CaCO_3

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.80.10 £270.00



Lovibond Mini Kit

Lovibond Mini Kit

Easy to use tablet count kit

Measuring range: 1-10mg/l as CaCO_3

Supplied with reagents for 100 tests.
Reference: TT/41.42.60 £24.70



Hardness (Total)

Lovibond Mini Kit

Easy to use tablet count kit

Measuring range: 1-50mg/l as CaCO_3

Supplied with reagents for 100 tests.

Reference: TT/41.42.50

£22.60

Lovibond Mini Kit

Easy to use yes/no kit

Limit of detection 4, 8 or 20mg/l as CaCO_3

Supplied with reagents for 100 tests.

Reference: TT/41.42.30

£17.40



Lovibond Mini Kit

Hach Drop Count Kit Model 5B

Easy to use drop count kit complete with reagents for 100 tests and instructions.

Measuring range: 1-30gpg in steps of 1 as CaCO_3

Chemistry: EDTA

Reference: HH/01453-00

£16.30

Hach Drop Count Kit Model 5-EP

Easy to use drop count kit complete with reagents for 100 tests, instructions and carrying case.

Measuring range: 1-20gpg in steps of 1 as CaCO_3

Chemistry: EDTA

Reference: HH/01454-00

£26.60

Hach Drop Count Kit Model 5-EP-MG-L

Easy to use drop count kit complete with reagents for 100 tests, instructions and carrying case.

Measuring range: 20-400mg/l in steps of 20 as CaCO_3

Chemistry: EDTA

Reference: HH/01454-01

£26.60

Hach Drop Count Kit Model HA-71

Easy to use drop count kit complete with reagents for 100 tests, instructions and carrying case.

Measuring ranges: 1-20mg/l in steps of 1 as CaCO_3
1-20gpg in steps of 1 as CaCO_3

Chemistry: EDTA

Reference: HH/01452-01

£54.70



Hach Drop Count Kit



Hach Drop Count Kit



Hach Drop Count Kit

Hardness (Total and Calcium)



Hach Digital Titrator

Hach Digital Titrator Model HA-DT

Titration drop count kit using the Hach Digital Titrator

Measuring range: 10 – 4000mg/l in steps of 0.1 to 10

Chemistry: Digital titrator/ EDTA

Supplied with reagents for 100 tests.

Reference: HH/20636-00

£284.90

Hach Hardness test strips

Dual range test strips in boxes of 50.

Increments: 0-25-50-120-250-425ppm
0-1.5-3-7-15-25gpg

Reference: HH/27452-20

£14.60

HARDNESS (TOTAL AND CALCIUM)

Hach Drop Count Kit Model HA-4P

Easy to use drop count kit complete with reagents for 100 tests, instructions and carrying case.

Measuring range: 1-20gpg in steps of 1 as CaCO_3

Chemistry: EDTA

Reference: HH/01457-00

£69.30

Hach Drop Count Kit Model HA-4P MG/L

Easy to use drop count kit complete with reagents for 100 tests, instructions and carrying case.

Measuring range: 20-400mg/l in steps of 20 as CaCO_3

Chemistry: EDTA

Reference: HH/01457-01

£78.60

Hach Digital Titrator Kit Model HAC-DT

Titration drop count kit using the Hach Digital Titrator

Measuring range: 10 – 4000mg/l in steps of 0.1 to 10 as CaCO_3

Chemistry: Digital titrator/ EDTA

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/20639-00

£255.20

Quantofix Test Papers for Hardness as Carbonate

Easy to use test papers supplied in boxes of 100.

Graduations: 0-3-6-10-15-20 °d

Reference: MN/913.23

£17.00



Hach Drop Count Kit



Hach Drop Count Kit



Quantofix Test Papers



Hazen (Colour)/Hydrazine

HAZEN (COLOUR)

Camlab CW2100 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0 – 500 Pt-Co units

Wavelength: 470nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display and auto switch off

Reference: CW/20.72.40

£270.00

Colour Standard Solutions

All supplied in 1 litre bottles.

0 Hazen Units

Reference: RN/HAZ0

£49.17

10 Hazen Units

Reference: RN/HAZ10

£49.17

25 Hazen Units

Reference: RN/HAZ25

£49.17

40 Hazen Units

Reference: RN/HAZ40

£56.35

50 Hazen Units

Reference: RN/HAZ50

£56.35

80 Hazen Units

Reference: RN/HAZ80

£61.49

100 Hazen Units

Reference: RN/HAZ100

£61.49

250 Hazen Units

Reference: RN/HAZ250

£61.49

500 Hazen Units

Reference: RN/HAZ500

£73.27



Camlab CW2000 Colorimeter

HYDRAZINE

Camlab CW2110 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0.05 – 0.5mg/l as N₂H₄

Wavelength: 470nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display and auto switch off

Reference: CW/20.73.00

£270.00



Camlab CW2000 Colorimeter

Hydrazine/Hydrogen Peroxide/Iodine



Hach Colour Comparator

Hach Colour Comparator Kit for Hydrazine Model HY-2

Colour disc kit with reagents for 300 tests, instructions and carrying case.

Measuring range: 0 - 1mg/l in steps of 0.02 as N_2H_4

Chemistry: P-Dimethylaminobenzaldehyde

Reference: HH/01849-00

£104.00

HYDROGEN PEROXIDE



Camlab CW2000
Colorimeter

Camlab CW2120 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results.

Measuring range: 0.05 - 3mg/l H_2O_2

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.86.00

£270.00



Hach Drop Count Kit

Hach Drop Count Kit Model HYP-1

Easy to use drop count kit complete with reagents for 100 tests.

Measuring ranges: 0.2 - 2 mg/l H_2O_2 in steps of 0.2
1 - 10 mg/l H_2O_2 in steps of 1

Chemistry: Thiosulphate

Reference: HH/22917-00

£67.10

IODINE



Hach Cube Kit

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0 - 2.5mg/l in steps of 0.5

Chemistry: DPD

Reference: HH/21939-00

£34.80



IRON

Camlab CW2130 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results of total iron.

Measuring ranges: 0.02 – 1mg/l $\text{Fe}^{2+}/3+$
0.2 – 10mg/l $\text{Fe}^{2+}/3+$

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.74.00

£270.00



Camlab CW2000 Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design. For total iron using the FerroVer® method

Measuring range: 0.02 – 5.00mg/l in steps of 0.01 Fe^{++}

Chemistry: FerroVer

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-22

£318.20



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design. For soluble iron using the FerroZine® method.

Measuring range: 0.0 – 1.70mg/l in steps of 0.01 Fe^{++}

Chemistry: TPTZ

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-16

£318.20

Iron



Lovibond Comparator Kit

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 1 - 10 mg/l Fe

Reference: TT/14.73.20

£33.20

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0.05 - 1 mg/l Fe

Reference: TT/14.72.20

£29.50



Hach Colour Comparator Kit

Hach Colour Comparator Kit Model IR-18A

Colour disc kit with reagents for 100 tests and instructions, for total iron.

Measuring range: 0 - 1mg/l in steps of 0.02 dissolved $Fe^{2+}/^{3+}$

Chemistry: 1,10 Phenanthroline

Reference: HH/01465-00

£72.80

Hach Colour Comparator Kit Model IR-18

Colour disc kit with reagents for 100 tests and instructions, for total iron.

Measuring range: 0 - 5mg/l in steps of 0.1 dissolved $Fe^{2+}/^{3+}$

Chemistry: 1,10 Phenanthroline

Reference: HH/01464-00

£60.40



Hach Colour Comparator Kit

Hach Colour Comparator Kit Model IR-18B

Colour disc kit with reagents for 100 tests and instructions, for total iron.

Measuring range: 0 - 10mg/l in steps of 0.2 dissolved $Fe^{2+}/^{3+}$

Chemistry: 1,10 Phenanthroline

Reference: HH/01464-01

£60.40

Hach Colour Comparator Kit Model IR-18C

Colour disc kit with reagents for 100 tests and instructions, for ferrous iron.

Measuring range: 0 - 10mg/l in steps of 0.2 Fe^{2+}

Chemistry: 1,10 Phenanthroline

Reference: HH/26672-00

£60.40

Hach Colour Comparator Kit Model IR-24

Colour disc kit with reagents for 100 tests and instructions. For low range soluble iron.

Measuring ranges:

0 – 0.2mg/l in steps of 0.002 dissolved $\text{Fe}^{2+}/^{3+}$
0 – 1.0mg/l in steps of 0.01 dissolved $\text{Fe}^{2+}/^{3+}$

Chemistry: Ferrozine

Reference: HH/02556-00

£98.50

Hach Colour Comparator Kit Model IR-21

Colour disc kit with reagents for 100 tests and instructions. For low range soluble iron using the TPTZ method.

Measuring ranges:

0 – 0.1mg/l in steps of 0.01 dissolved $\text{Fe}^{2+}/^{3+}$
0 – 1.2mg/l in steps of 0.05 dissolved $\text{Fe}^{2+}/^{3+}$

Chemistry: TPTZ

Reference: HH/22993-00

£95.10

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0 – 5mg/l in steps of 1 dissolved $\text{Fe}^{2+}/^{3+}$

Chemistry: 1,10 Phenanthroline

Reference: HH/14008-00

£22.90

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0 – 10mg/l in steps of 2 dissolved $\text{Fe}^{2+}/^{3+}$

Chemistry: 1,10 Phenanthroline

Reference: HH/25435-00

£28.50

Quantofix Test Papers for Iron

Easy to use test papers supplied in boxes of 100.

Graduations: 0-5-20-50-100-250-500-1000mg/l $\text{Fe}^{2+}/^{3+}$

Reference: MN/913.02

£14.30

Quantofix Test Papers for Iron

Easy to use test papers supplied in boxes of 100.

Graduations: 0-2-5-10-25-100mg/l $\text{Fe}^{2+}/^{3+}$

Reference: MN/913.08

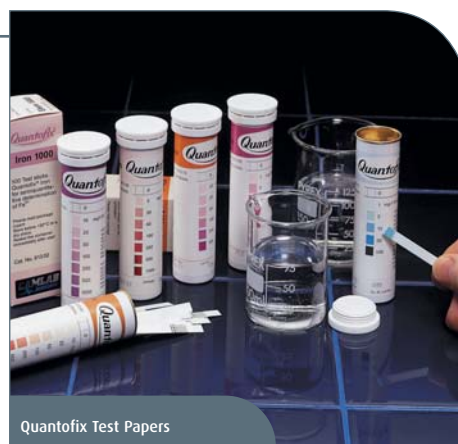
£14.30



Hach Colour Comparator Kit



Hach Cube Kit



Quantofix Test Papers

Lead/Light



Hach Pocket Colorimeter

LEAD

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design. Uses the LeadTrak column extraction system.

Measuring range: 0 – 150ug/l in steps of 1

Chemistry: Fast column extraction

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-21 £453.60

Replacement reagent set for 20 LeadTrak tests.

Reference: HH/23750-00 £104.70



Lux/Foot Candle Light Meter

LIGHT

Lux/Foot Candle Light Meter

A range of precision illuminance meters designed for environmental monitoring, industrial applications and health and safety checks where minimum light levels are important.

Three models available; with the following **features:**

- Silicon Photodiode Diode Sensor.
- Colour correction filter and cosine correction lens.
- Automatic zero function.
- High accuracy and rapid response sampling two times per second.
- Manual range selection
- Accuracy $\pm 3\%$ of reading below 10,000; $\pm 4\%$ of reading over 10,000.
- 1.5m cable between sensor and meter.
- Supplied with carrying case, protective lens cap, battery and instructions.
- Calibration certificate, tested at four points available.

Meter to measure Lux in the ranges 20/200/2000/20000.

Reference: AT/6633-1109 £85.40

Meter to measure Lux in the ranges 200/2000/20000/200000.

Reference: AT/6633-1110 £85.00

Meter to measure Lux/ Foot-candles in the ranges 20/200/2000/20000.

Reference: AT/6633-1111 £111.80

Four point calibration certificate.

Reference: AT/6633-1112 £67.50



MANGANESE

Camlab CW2140 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results of manganese.

Measuring range: 0.05 – 4mg/l $Mn^{2+}/^{3+}$

Wavelength: 430nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.94.00

£270.00



Camlab CW2000 Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0. – 20.00mg/l in steps of 0.1 as Mn

Chemistry: Cold Periodate

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-15

£362.30



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring range: 0 – 0.7mg/l in steps of 0.05 as Mn

Chemistry: PAN

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-18

£362.30



Hach Pocket Colorimeter

Manganese/Molybdate

Hach Colour Comparator Kit Model MN-5

Colour disc kit with reagents and instructions.

Measuring ranges: 0 – 3 mg/l in steps of 0.1

Chemistry: Cold Periodate

Reference: HH/01467-00

£127.10

MOLYBDATE

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0 – 2.5mg/l in steps of 0.01 as molybdenum
0 – 10 mg/l in steps of 0.1 as molybdenum

Chemistry: Ternary complex

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-10

£362.30

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0 – 100mg/l MoO₄

Reference: TT/14.72.90

£28.60

Hach Colour Comparator Kit Model M0-2

Colour disc kit with reagents for 100 tests and instructions.

Measuring ranges: 0 – 10 mg/l in steps of 0.2 as molybdenum
0 – 50 mg/l in steps of 1 as molybdenum

Chemistry: Mercaptoacetic Acid

Reference: HH/14193-01

£178.50

Hach Colour Comparator Kit Model M0-LR

Colour disc kit with reagents for 100 tests and instructions.

Measuring ranges: 0 – 3 mg/l in steps of 0.1 as molybdenum

Chemistry: Ternary complex

Reference: HH/23593-00

£122.90



Hach Pocket Colorimeter



Lovibond Comparator Kit



Hach Colour Comparator Kit

Molybdate/Nickel/Nitrate

Quantofix Test Papers for Molybdenum/Molybdate

Easy to use test papers supplied in boxes of 100.

Graduations: 5-20-50-100-250 mg/l

Reference: MN/913.25

£38.00

NICKEL

Hach Pocket Colorimeter

Single parameter handheld colorimeter for nickel and cobalt. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0 – 1.00mg/l Ni in steps of 0.01
0 – 2.00 mg/l Co in steps of 0.1

Chemistry: PAN

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-20

£362.30

Quantofix Test Papers for Nickel

Easy to use test papers supplied in boxes of 100.

Graduations: 0-10-25-50-100-250-500-1000 mg/l Ni²⁺

Reference: MN/913.05

£17.00

NITRATE

Nitrate Ion Selective Electrode

Suitable for any pH/ISE meter, BNC adapters available if required

For ISE electrodes
see page 198

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0 – 30mg/l in steps of 0.1 as NO₃⁻-N

Chemistry: Cadmium Reduction

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-02

£318.20



Hach Pocket Colorimeter



Hach Pocket Colorimeter

Nitrate/Nitrite



Hach Colour Comparator Kit

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 10 – 100mg/l NO_3

Reference: TT/14.74.00

£34.90

Hach Colour Comparator Kit Model NI-14

Colour disc kit with reagents for 50 tests and instructions.

Measuring ranges: 0 – 1 mg/l in steps of 0.02 as NO_3^- -N
0 – 10 mg/l in steps of 0.2 as NO_3^- -N

Chemistry: Cadmium Reduction

Reference: HH/14161-00

£72.10

Hach Colour Comparator Kit Model NI-11

Colour disc kit with reagents for 50 tests and instructions.

Measuring ranges: 0 – 50mg/l in steps of 1 as NO_3^- -N

Chemistry: Cadmium Reduction

Reference: HH/01468-03

£72.10



Hach Colour Comparator Kit

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0 – 50mg/l in steps of 10 as NO_3^- -N

Chemistry: Cadmium Reduction

Reference: HH/14037-00

£22.90

Quantofix Test Papers for Nitrate/nitrite

Easy to use test papers supplied in boxes of 100.

Graduations: 0-10-25-50-100-250-500 mg/l as NO_3
0-1-5-10-20-40-80 mg/l as NO_2

Reference: MN/913.13

£17.80

NITRITE

Camlab CW2150 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results of total iron.

Measuring range: 0.02 – 0.5mg/l

Wavelength: 528nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.76.00

£270.00



Camlab CW2000 Colorimeter



Nitrite

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case.

Measuring range: 0 – 0.5mg/l N

Reference: TT/14.73.00 £29.50

Hach Colour Comparator Kit Model NI-6

Colour disc kit with reagents for 100 tests and instructions.

Measuring ranges: 0 – 100mg/l in steps of 2 as NO_2^-
0 – 20000mg/l in steps of 40 as NO_2^-

Chemistry: Ferrous Sulphate

Reference: HH/02240-00 £110.30

Hach Colour Comparator Kit Model NI-15

Colour disc kit with reagents for 100 tests and instructions.

Measuring ranges: 0 – 0.5mg/l in steps of 0.01 as NO_2^- -N

Chemistry: Diazotization

Reference: HH/21820-00 £72.10

Hach Cube Kit

Simple to use colour comparison kit complete with reagents for 50 tests and instructions.

Measuring range: 0 – 1.0mg/l in steps of 0.2 as NO_2^- -N

Chemistry: Diazotization

Reference: HH/20596-00 £24.30

Quantofix Test Papers for Nitrite

Easy to use test papers supplied in boxes of 100.

Graduations: 0-1-5-10-20-40-80 mg/l as NO_2^-

Reference: MN/913.11 £16.80

Quantofix Test Papers for Nitrite

Easy to use test papers supplied in boxes of 100.

Graduations: 0-0.1-0.3-0.6-1-2-3g/l as NO_2^-

Reference: MN/913.22 £16.80



Lovibond Comparator Kit



Hach Colour Comparator Kit



Quantofix Test Papers

Organo-Phosphonate/Oxygen(Dissolved)



Lovibond Mini Kit

ORGANO-PHOSPHONATE

Lovibond Mini Kit

Easy to use tablet count

Range: 1 – 20mg/l active O-P

Supplied with reagents for 100 tests.

Reference: TT/41.41.10

£32.50



Camlab Water Model CW6230
Portable Dissolved Oxygen Meter

OXYGEN (DISSOLVED)

Camlab Water Model CW6230 Portable Dissolved Oxygen Meter

The CW6230 microprocessor controlled hand held dissolved oxygen meter is designed to meet the day to day demands of reliable on-site and laboratory measurements. The water tight housing rated to IP67 makes it suitable for use in the harshest environments and this is enhanced by the protective housing and built in electrode holder. The easy to use keypad and clear display makes it suitable for field or indoor operation. A clip/stand is incorporated on the rear of the meter to allow for wall hanging or bench use.

Features:

- Dissolved oxygen and temperature.
- Automatic temperature compensation.
- Internal memory for 20 data sets.
- Low battery and battery change indicator.
- Shock-absorbing rubber protective casing.
- Waterproof to IP67.

SPECIFICATIONS

Dissolved Oxygen	0.00 - 25.00 & 0.0 - 70.0mg/l
Temperature	-5.0 to +50.0°C
Operating temperature	0 to 50°C
Power supply	4 x 1.5V battery type AA
Auto-off function	0 - 120 minutes

CW6230 Portable Dissolved Oxygen Meter complete with sensor (1.5M cable), electrolyte, three spare membrane heads, carrying case and instruction manual.

Reference: CW/72.32.20

£530.00

CW6230 Portable Dissolved Oxygen Meter complete with sensor (10M cable), electrolyte, three spare membrane heads, carrying case and instruction manual.

Reference: CW/72.32.21

£585.00

CW6230 Portable Dissolved Oxygen Meter complete with sensor (30M cable) electrolyte, three spare membrane heads, carrying case and instruction manual.

Reference: CW/72.32.22

£725.00



camlab

Oxygen (dissolved)

Spare sensor with 1.5M cable	
Reference: CW/72.32.01	£336.00
Spare sensor with 10M cable	
Reference: CW/72.32.10	£388.00
Spare sensor with 30M cable	
Reference: CW/72.32.30	£530.00
Service set	
Reference: CW/72.32.50	£75.40
Armature for depth measurement	
Reference: CW/72.32.60	£39.80
Replacement carrying case	
Reference: CW/72.50.20	£24.40

Hach Senslon 6 Portable Dissolved Oxygen Meter

The Senslon 6 hand held unit is designed for field use. The rugged, waterproof and floatable case means it is suitable for use in harsh environments.

Features:

- Mg/l, saturation and temperature measurements
- Large LCD display
- Slip resistant keypad
- Anti-glare coating

SPECIFICATIONS

Measuring range	0 - 20mg/l, 0-200% sat, 0 - 50°C
Accuracy	+/-1% full scale
Power supply	4 x AA batteries

Data can be collected in the field and downloaded back in the laboratory via the optional docking station. This can also be used as a mains power supply for laboratory use.

Hach Senslon 6 complete with DO probe, accessories and instructions.

Reference: HH/51850-01	£710.00
Replacement DO probe with 1M cable	
Reference: HH/51970-00	£398.00
Docking station	
Reference: HH/51875-02	£152.30
DO probe service kit includes 2 membranes, electrolyte filling solution and polishing cloth.	
Reference: HH/51968-00	£68.60
Membranes for DO probe, pack of 2	
Reference: HH/51973-00	£64.10
Electrolyte solution	
Reference: HH/27591-26	£12.80
Replacement batteries, pack of 4	
Reference: HH/19380-04	£10.20
Carrying case	
Reference: HH/51903-00	£50.70



Hach Senslon 6 Portable Dissolved Oxygen Meter

Oxygen (dissolved)



Schott Handylab Dissolved Oxygen Meter Model OX12-SET

Schott Handylab Dissolved Oxygen Meter Model OX12-SET

Battery operated meter suitable for the measurement of dissolved oxygen and temperature. Also allows for the influence of high salt content to be compensated for by entering the measured salinity.

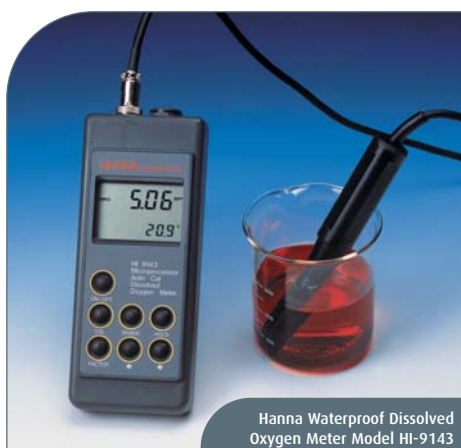
Features:

- Ranges 0 to 19.99mg/l and 0 to 90mg/l
- 0 to 50°C
- 2500 hours battery life
- Low battery indicator
- Data storage of 500 records
- RS232 interface

Handylab DO Meter Model OX12 complete with sensor, maintenance accessories and instructions.

Reference: SC/28.520.2793

£960.00



Hanna Waterproof Dissolved Oxygen Meter Model HI-9143

Hanna Waterproof Dissolved Oxygen Meter Model HI-9143

A rugged meter with the added protection of a water proof casing and 2 year warranty making ideal for field use. A sophisticated microprocessor controlled unit includes automatic compensation for temperature, salinity and altitude. For user convenience calibration is automatic and needs no chemical solutions. Just expose the probe to air, press the CAL button and the meter will be calibrated ready for use in just a few minutes.

SPECIFICATIONS

Ranges: 0.0 to 45.00mg/l, 0.0 to 300% and 0.0 to 50.0°C.

Temperature compensation: Auto from 0 to 50°C

Battery life 200hours

Altitude compensation from 0 to 1900m in 100m steps

Salinity compensation from 0 to 40g/l in 1g/l steps.

Reference: HI/9143

£620.00

Oxygen (dissolved)

Luminescent Dissolved Oxygen Meter

The unique Hach HQ10 and HQ20 LDO meter measure the quantity of dissolved oxygen using a method based on fluorescence quenching. Blue light is directed onto a membrane in which colour molecules are embedded. The intensity of the fluorescent red light emitted by these molecules depends on the concentration of oxygen in the sample and is measured with a photodiode.

LDO yields extremely reliable results for all applications for which the conventional electrochemical method has been used until now. Measuring range, resolution and accuracy are virtually identical and, of course, temperature and air pressure compensation are fully automatic.

Features:

- Simple handling – no calibration necessary
- Ready for use – new technology needs no polarisation time
- Virtually maintenance free – only one membrane change per year, no electrolyte solution needed
- Simple measuring procedure – no flow around the electrode, no agitation needed
- Fast response time – measured value is stable within seconds
- Also suitable for BOD
- Wide range of applications – no matrix interferences, no sensitivity to H₂S

How the LDO works

High energy light from a blue diode is directed onto a membrane with embedded colour molecules. The molecules are briefly excited by the light, when they return to their normal state they emit low energy red light. This light is referred to as fluorescent radiation.

Oxygen in the membrane quenches some of the emitted light. The residual light intensity is measured in the photodiode in the top part of the sensor. It is proportional to the oxygen concentration in the sample.

SPECIFICATIONS

Measuring range:	0 – 20mg/l Oxygen, 0 – 200% saturation, 0 – 50°C.
Resolution:	Oxygen 0.1mg/l, 0.1% saturation.
Accuracy:	Oxygen +/- 1% of measured value over total range, temperature +/- 0.1°C

HQ10 Portable DO Meter with LDO probe (1m cable)

Reference: HH/51815-01 £890.00

HQ10 Portable DO Meter with LDO probe (3m cable)

Reference: HH/51815-03 £890.00

HQ10 Portable DO Meter with LDO probe (5m cable)

Reference: HH/51815-05 £910.00

HQ10 Portable DO Meter with LDO probe (15m cable)

Reference: HH/51815-15 £940.00



Luminescent Dissolved Oxygen Meter

Oxygen (dissolved)

HQ20 Portable pH/DO Meter with LDO probe (1m cable)

Reference: HH/51825-01 £1350.00

HQ20 Portable pH/DO Meter with LDO probe (3m cable)

Reference: HH/51825-03 £1250.00

HQ20 Portable pH/DO Meter with LDO probe (5m cable)

Reference: HH/51825-05 £1260.00

HQ20 Portable pH/DO Meter with LDO probe (15m cable)

Reference: HH/51825-15 £1290.00

LDO Docking Station

Reference: HH/51830-02 £160.70



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0 – 10mg/l in steps of 0.1 as DO

Chemistry: AccuVac

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-03

£362.30



Hach drop Count Kit

Hach drop Count Kit Model OX-2P

Easy to use drop count kit for the measurement of high range dissolved oxygen.

Measuring ranges: 0.2 to 4mg/l and 1 to 20mg/l as DO

Chemistry: Modified Winkler

Supplied with reagents for approximately 100 tests.

Reference: HH/01469-00

£72.80



Hach Digital Titrator Kit

Hach Digital Titrator Kit Model OX-DT

Titration drop count kit using the Hach Digital Titrator, measures dissolved oxygen.

Measuring range: 1 - 10mg/l in steps of 0.02 and 0.2 as DO

Chemistry: Digital Titrator/Modified Winkler

Supplied with reagents for approximately 100 tests.

Reference: HH/20631-00

£284.00

Oxygen Scavenger/Ozone

OXYGEN SCAVENGER

Hach Colour Comparator Kit Model OS-1

Colour comparator kit for the measurement of oxygen scavengers such as DEHA, hydroquinone, erythorbic acid and methylketoxime. Ranges and increments are dependent on the scavenger being used but are similar to the DEHA kit below. Uses the iron reduction method.

Reference: HH/23495-00 £178.50

Hach Colour Comparator Kit Model DH-1

Colour comparator kit for the measurement of the oxygen scavenger DEHA.

Measuring ranges: 0 – 65ug/l in steps of 1
0 – 375ug/l in steps of 5
0 – 1700ug/l in steps of 22.5

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/21682-00 £178.50



Hach Colour Comparator Kit

OZONE

Camlab CW2160 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results for ozone.

Measuring range: 0.05 – 0.5mg/l as O₃

Wavelength: 605nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.77.00 £270.00



Camlab CW2000 Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0.00 – 0.25mg/l in steps of 0.01 as O₃
0.01 – 0.75 mg/l in steps of 0.01 as O₃

Chemistry: Indigo Trisulphonate

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-04 £362.30



Hach Pocket Colorimeter

Ozone/Peroxide/pH



Hach Colour Comparator Kit

Hach Colour Comparator Kit Model OZ-2

Colour comparator kit for the measurement of ozone.

Measuring range: 0 – 2.3mg/l in steps of 0.05 as O₃

Chemistry: DPD

Supplied with reagents for 100 tests, instructions and carrying case.

Reference: HH/20644-00

£75.40

PEROXIDE

Quantofix Test Papers for Peroxide

Easy to use test papers supplied in boxes of 100.

Graduations: 0-1-3-10-30-100 as H₂O₂

Reference: MN/913.12

£16.20



Quantofix Test Papers

Quantofix Test Papers for Peroxide

Easy to use test papers supplied in boxes of 100.

Graduations: 0-0.5-2.5-10-25 as H₂O₂

Reference: MN/913.19

£16.20

PH

Camlab Water Model CW6210 Portable pH Meter

The CW6210 microprocessor controlled hand held pH meter is designed to meet the day to day demands of reliable on-site and laboratory measurements. The water tight housing rated to IP67 makes it suitable for use in the harshest environments and this is enhanced by the protective housing and built in electrode holder. The easy to use keypad and clear display makes it suitable for field or indoor operation. A clip/stand is incorporated on the rear of the meter to allow for wall hanging or bench use.

Features:

- pH and temperature.
- Automatic temperature compensation.
- Internal memory for 20 data sets.
- Low battery and battery change indicator.
- Shock-absorbing rubber protective casing.
- Waterproof to IP67.



Camlab Water Model CW6210
Portable pH Meter

**For full pH electrode listing
see pages 193-198**



camlab

SPECIFICATIONS

Range	0.00 - 14.00
Accuracy	+/- 0.01pH
Temperature	-10 to +100°C
Redox	-1999 to +2000 mV
Operating Temperature	0 to +50°C
Power Supply	4 x 1.5V battery
Auto-off function	0 - 120 minutes

For full pH electrode listing
see pages 193-198

CW6210 pH Meter complete with electrode, batteries, pH buffers, instructions and carrying case

Reference: CW/72.12.20 £352.00

Spare pH/temperature electrode

Reference: TT/72.12.30 £66.80

pH buffer set containing 4.00, 7.00 and 10.00

Reference: TT/72.12.50 £14.80

Spare carrying case

Reference: TT/72.50.20 £20.40

Camlab Water Model CW6110 Portable pH Meter

The CW6110 is a high quality, portable, battery operated meter with a measuring range of 0-14pH. The meter is supplied as standard with a protective case and built in cell holder, ensuring reliable operation even in extreme conditions. An automatic battery check warns of low battery.

SPECIFICATIONS

Range	0 - 14pH
Resolution	0.01pH
Ambient Conditions	0 - 50°C
Power	1 x 9V battery

CW6110 Portable pH Meter complete with electrode, buffers, battery and instructions.

Reference: CW/72.13.00 £149.00

Spare electrode

Reference: TT/72.13.30 £40.80



Camlab Water Model
CW6110 Portable pH Meter



Mettler SevenGo pH Meter Model SG2

Mettler SevenGo pH Meter Model SG2

The SevenGo unit offers exceptional performance and reliability in an easy to use portable format. These ergonomically supplied units feature the latest microprocessor control and a number of unique features designed to make field use easier including a back lit display and the Ergo field assistant.

Features:

- Intuitive menu operation using softkey
- Contact free infrared communication.
- Clear display of measured values and settings
- Data memory for 30 GLP data points
- 3 point calibration with predefined or user defined buffers
- Back lit display
- Separate operating modes for expert and field use.

SPECIFICATIONS

pH	0.00-14.00
mV	-1999 to +1999
Temperature	-5 to + 105°C
Sensor inputs	BNC
Power requirements	4 x AA batteries
Operating environment	0 - 40°C, 5 - 85 % relative humidity (non condensating)
Dimensions/Weight	220 x 90 x 45mm/ 325g (without batteries)
Rating	IP67

For full pH electrode listing
see pages 193-198

The unit is supplied with electrode and accessories plus the option of a carrying case. Also available is the ErGo field assistant. This system acts as a holder for the meter, has a strap for hands free operation, allows electrodes to be stored wet and turns your SevenGo into a mobile bench top unit.

SevenGo SG2 with electrode, batteries, and operating instructions.

Reference: MT/51302522 £285.00

SevenGo SG2 with electrode, batteries, operating instructions and case.

Reference: MT/51302523 £330.00

SevenGo SG2 with electrode, batteries, operating instructions, case and ErGo field assistant.

Reference: MT/51302525 £420.00



Hach Senslon 1 Basic Portable pH Meter

Hach Senslon 1 Basic Portable pH Meter

The Hach Senslon 1 is designed for routine pH measurements in the laboratory or field. This rugged and waterproof unit is ideal for use in the field, enhanced by the long battery life of approximately 500 hours. The meter is easy to use and calibrate and features a large easy to see digital display.

SPECIFICATIONS

Ranges	-2.00 to +19.99pH, +/-2000mV and -10 to + 110°C
Resolution	0.1/0.01/0.001pH (selectable)
Accuracy	+/-0.002pH
Power	4 x AA type battery
Buffer recognition	Auto 4.01, 6.86, 7.00 and 10.01
Rating	IP67 waterproof submersible to 1 metre

Senslon 1 Portable pH Meter complete with Platinum electrode and instructions.

Reference: HH/51700-10 £414.80

Senslon 1 Portable pH Meter complete with gel-filled electrode and instructions

Reference: HH/51700-11 £365.40

Electrode stand

Reference: HH/45300-00 £96.00

Replacement Batteries, pack of 4

Reference: HH/19380-04 £10.20

Electrode washer

Reference: HH/27047-00 £95.10

LIS Chamber for low ionic strength samples

Reference: HH/51899-00 £88.00

Carrying case (rigid)

Reference: HH/51903-00 £50.70

For full pH electrode listing
see pages 193-198

Hach Senslon 2 Advanced Portable pH/ISE Meter

Features all the attributes of the basic model with the added benefit of being able to download data via the innovative docking station. The IP67 rated casing, back lit display, quick calibration and response and long lasting batteries make it ideal for field work. Will also accept suitable ISE electrodes.

SPECIFICATIONS

Ranges	-2.00 to +19.99pH, -10 to +110°C, 0.000 to 19900 concentration, +/-2000mv
Resolution	0.1/0.01/0.001pH (selectable)
Accuracy	+/-0.002pH
Power	4 x AA batteries or 220V through docking station
Output	One way RS232 via docking station
Buffer recognition	Auto for 4.01, 6.86, 7.00 and 10.01
Rating	Waterproof IP67, submersible to 1 metre

Senslon 2 Portable pH/ISE meter complete with Platinum electrode and instructions

Reference: HH/51725-10 £630.00



Hach Senslon 2 Advanced
Portable pH/ISE Meter

pH



Schott Handylab pH Meter
Model pH11/pH12

For full pH electrode listing
see pages 193-198



Hanna pH Checker

Senslon 2 Portable pH/ISE meter complete with gel filled electrode and instructions

Reference: HH/51725-11 £540.00

Hach Link Software for computer interface

Reference: HH/49665-00 £293.00

Docking station

Reference: HH/51875-02 £152.30

Schott Handylab pH Meter Model pH11/pH12

Battery operated meter suitable for the measurement of pH and temperature. Available in two models with the pH12 having the added advantage of data storage and RS232 interface.

Features:

Range -2.00 to +19.99pH

-5 to +105°C

5000 hours battery life

Low battery indicator

Data storage of 500 records (pH12 model only)

RS232 interface (pH12 model only)

Handylab pH11 portable pH Meter complete with BlueLine23 electrode and instructions

Reference: SC/28.520.2917 £390.00

Handylab pH11 portable pH Meter complete with BlueLine24 electrode and instructions

Reference: SC/28.520.2982 £430.00

Handylab pH11 portable pH Meter complete with BlueLine14 electrode and instructions

Reference: SC/28.520.2999 £450.00

Handylab pH12 portable pH Meter complete with BlueLine24 electrode and instructions

Reference: SC/28.520.3054 £530.00

Handylab pH12 portable pH Meter complete with BlueLine14 electrode and instructions

Reference: SC/28.520.3062 £540.00

Power supply unit for Handylab12

Reference: SC/28.520.5047 £33.00

Connecting cable for PC, for Handylab12

Reference: SC/28.520.4959 £142.00

Hanna pH Checker

The pH checker is a low cost unit with a small slim line electrode allowing measurement in very small containers.

Features:

- Range 0.00 to 14.00pH

- Resolution 0.01pH

- Accuracy +/-0.2pH

- 2 point calibration

- 3000 hour battery life

- Large LCD display

Reference: HI/6602-3650 £27.60

Replacement electrode

Reference: HI/6602-3651 £18.90

Schott Laboratory pH Meters

A new range of laboratory pH meters setting new standards in electrochemical measurements. A complete range of instruments starting from the basic Lab850 through to the advanced Lab890 with automatic sensor recognition.

Lab850

The starter model of the range the unit features the advanced measuring algorithm specially adapted for Schott electrodes. This results in faster calibration and measurement but no loss in accuracy or control

Lab860

Includes the same features as the Lab850 with the addition of data transfer via the RS232 or USB.

Lab870

This model is a quality controllers dream. The instrument automatically recognises the electrode being used and can check on the calibration and status of the electrode. Can be used for GLP compliant procedures.

All models feature a special electrode stand which requires no tools. One click and the stand is firmly attached to the meter. Can be used for GLP compliant procedures.

SPECIFICATIONS

		Lab850	Lab860	Lab870
pH measurement	Range -2 to +19.999pH	*	*	*
pH measurement	Accuracy +/- 1 digit	0.005	0.005	0.005
mV measurement	Range -1999 to +1999mV	*	*	*
mV measurement	Accuracy +/- 1 digit	0.3	0.3	0.3
Calibration	1, 2, 3 point calibration	*	*	*
Interface	RS232/USB		*	*
Compliance	GLP		*	*
Warranty	3 years	*	*	*

Reference	Description	Price
SC/28.520.1310	Lab850 pH meter complete with BlueLine 14 electrode, buffers, stand and dust cover	£600.00
SC/28.520.1330	Lab860 pH meter complete with BlueLine 14 electrode, buffers, stand and dust cover	£720.00
SC/28.520.1350	Lab870 pH meter complete with BlueLine 14 electrode, buffers, stand and dust cover	£800.00



Lab850



Lab860



Lab870



S20 STANDARD pH Meter for Standard pH Measurement

- Portable (with auto-off function) or bench top use
- Self diagnostics test
- Auto-buffer recognition
- Calibration and measurement data at a glance
- 3 point calibration
- Auto-temp compensation
- Slope and zero point displayed
- Auto-end point
- Electrode condition icon

Specifically designed for the demands of quality control, data management and legal guidelines.

The electrode stand can be used stand alone or attached to the meter on either side to form a unit.

The clear display guides users through operating procedures and application range from independent battery operation to detailed analysis and self diagnostics.

SPECIFICATIONS

	Measurement range	Resolution	Relative accuracy
pH	0.00 to 14.00	0.01	±0.01
mv	-1999 to 1999	1	±1
Temperature	-5 to 105°C	0.1°C	±0.5°C
Input	BNC, ATC, power		
Interface	RS232 (Uni-directional)		
Power	Mains (9V DC) or 4 x 4AA batteries (batteries not incl)		
Meter size	180x180x65mm		
Weight	0.61kg		

Ordering Information

ME/51302803	S20 pH meter and electrode arm. (electrode not included)	£405.00
ME/51302804	S20-K kit version: As above plus InLab 413 pH combination electrode with built-in temperature sensor and 2 of each buffer sachets: pH 4.01, pH 7.00 and pH 9.21.	£485.00

Accessories for pH measurement

ME/52000100	InLab 413 pH combination electrode (with built-in temperature sensor)	£118.00
ME/51340053	FRISCOLYT-B for measurement at low temp & for media with organic compounds (In InLab 413)	£12.00
ME/51302069	pH 4.01 buffer sachets 30x20ml	£29.00
ME/51302047	pH 7.00 buffer sachets 30x20ml	£29.00
ME/51302070	pH 9.21 buffer sachets 30x20ml	£29.00
ME/51302079	pH 10.01 buffer sachets 30x20ml	£28.40
ME/51302068	Rainbow1 (3 x 10 sachets 20ml pH 4.01/7.00/9.21)	£29.00
ME/51302080	Rainbow 11 (3x10 sachets 20ml pH 4.01/7.00/10.01)	£29.00

Eutech Instruments Cyberscan PH6500 pH Meter

Take your bench top pH measurement to a new dimension with the worlds first Windows® CE driven full colour touch screen research grade meter.

The PH6000 offers greater flexibility than standard bench top conductivity meters. This innovative unit takes efficient laboratory measurements to a new level and includes:

- Measurement of pH, mV, ion and temperature.
- Single or multi point standardisation
- Advanced real-time on-screen graphing function provides useful indication for specific measurements.
- Extensive set up screens enable you to customise meter to your needs e.g. cell constant, temperature coefficient, TDS factor etc.
- Windows® CE driven, full colour touch screen provides unmatched ease of use in operations and set ups with user friendly icons, user prompts and context specific help screens
- Advanced USB, IRDA connectivity allows extensive host/device communication capabilities.
- Ethernet/Internet ready with RJ45 input for connection to LAN or Internet for quick online research and data sharing.
- Secure log-in for up to 10 users.



Eutech Instruments
Cyberscan PH6500 pH Meter

For full pH electrode listing
see pages 193-198

SPECIFICATIONS

pH Mode	
Range	-2.000 to 20.000
Resolution	0.1/0.01/0.002+1 LSD
Automatic buffer recognition	Yes
Manual buffer recognition	Yes
Calibration points	5
mV Mode	
Range	+/- 2000
Resolution	0.1
Accuracy	+/- 0.2
Ion Mode	
Range	1x10 ⁻⁷ to 9.99 10 ⁺¹⁰
Resolution	2, 3 or 4 digits
Calibration points	5
Temperature Mode	
Range	-5.0 to +105.0°C
Resolution	0.1°C
Accuracy	+/-0.2°C
General	
Display	640 x 480 digit LCD
Memory	10000 data points
Operating temperature	5 to 45°C
Operating humidity	5 to 80%

Cyberscan PH6500 Bench Top pH Meter complete with pH electrode, ATC probe, integral electrode holder, pH Buffer sachets, SD Card reader, SMPS power adapter and instructions.
Reference: EH/EC-PH6500/42S £1282.14

Please see our main laboratory catalogue for other bench top units available.

BUFFER SOLUTIONS



Standard pH Buffer Solutions (20°C)

These buffers are manufactured to exacting specifications and cover the ranges 1 to 13. They are supplied with a detailed Certificate of Analysis which show trace ability to N.I.S.T. and have an extended shelf life. Temperature dependence data is printed on the label, as are lot numbers and expiry dates.

Accuracy of all values +/-0.02.

Value pH	Volume	Reference	Price
1	500ml	RN/10105	£9.51
1	1 litre	RN/1010	£13.99
1	5 litre	RN/5010	£41.97
2	500ml	RN/10205	£9.51
2	1 litre	RN/1020	£13.99
2	5 litre	RN/5020	£41.97
3	500ml	RN/10305	£9.51
3	1 litre	RN/1030	£13.99
3	5 litre	RN/5030	£41.97
4	500ml	RN/10405	£9.09
4	1 litre	RN/1040	£12.59
4	5 litre	RN/5040	£37.77
5	500ml	RN/10505	£9.51
5	1 litre	RN/1050	£13.99
5	5 litre	RN/5050	£41.97
6	500ml	RN/10605	£9.51
6	1 litre	RN/1060	£13.99
6	5 litre	RN/5060	£41.97
6.8	500ml	RN/10685	£9.51
6.8	1 litre	RN/1068	£13.99
6.8	5 litre	RN/5068	£41.97
7	500ml	RN/10705	£9.09
7	1 litre	RN/1070	£12.59
7	5 litre	RN/5070	£37.77
8	500ml	RN/10805	£9.51
8	1 litre	RN/1080	£13.99
8	5 litre	RN/5080	£41.97
9	500ml	RN/10905	£9.09
9	1 litre	RN/1090	£12.59
9	5 litre	RN/5090	£37.77
10	500ml	RN/11005	£9.09
10	1 litre	RN/1100	£12.59
10	5 litre	RN/5100	£37.77
11	500ml	RN/11105	£9.51
11	1 litre	RN/1110	£13.99
11	5 litre	RN/5110	£41.97
12	500ml	RN/11205	£9.51
12	1 litre	RN/1120	£13.99
12	5 litre	RN/5120	£41.97
13	500ml	RN/11305	£9.51
13	1 litre	RN/1130	£13.99
13	5 litre	RN/5130	£41.97

Colour Coded pH Buffers

These solutions are colour coded for ease of identification.
Available in pH4, 7 and 10 (@20°C) with an accuracy of +/-0.01.

Value pH	Volume	Colour	Reference	Price
4	500ml	Red	RN/10405C	£9.51
4	1 litre	Red	RN/1040C	£13.99
4	5 litre	Red	RN/5040C	£41.97
7	500ml	Yellow	RN/10705C	£9.51
7	1 litre	Yellow	RN/1070C	£13.99
7	5 litre	Yellow	RN/5070C	£41.97
10	500ml	Blue	RN/11005C	£9.51
10	1 litre	Blue	RN/1100C	£13.99
10	5 litre	Blue	RN/5100C	£41.97



Colour Coded pH Buffers

Low Ionic Strength Buffers (@20°C)

A series of special buffers which are suitable for accurate measurement of low ionic strength samples when used with standard electrodes. They significantly reduce the stabilisation time required and increase accuracy and reproducibility.

Value pH	Volume	Reference	Price
4.1	500ml	RN/LS41	£11.19
4.1	5 litre	RN/LS415	£58.36
6.96	500ml	RN/LS69	£11.19
6.96	5 litre	RN/LS695	£58.36



Low Ionic Strength Buffers

pH Buffer Solutions 'Bag in a Box' (@20°C)

Supplied in environmentally friendly Cubitainers with a collapsible plastic liner with a tap for dispensing solution.

Value pH	Volume	Reference	Price
4	5 litre	RN/BPH01	£47.57
4	10 litre	RN/BPH02	£83.94
7	5 litre	RN/BPH03	£47.57
7	10 litre	RN/BPH04	£83.94
10	5 litre	RN/BPH05	£47.57
10	10 litre	RN/BPH06	£83.94

pH Buffer Capsules

Ideal for infrequent use these capsules offer the following advantages.

Features:

- Colour coded for ease of identification
- Accuracy of +/-0.02pH units
- Extended shelf life
- All values are traceable to NIST
- Easy to store and transport
- Dissolve quickly
- Preservative free

All supplied in packs of 50 capsules.

Value pH	Reference	Price
4.01	RN/CP1040	£48.97
7	RN/CP1070	£48.97
9	RN/CP1090	£48.97
10	RN/CP1100	£48.97
Mixed	RN/CPMX47910	£48.97



pH Buffer Capsules

For full pH electrode listing
see pages 193-198



Electrode Care and Maintenance Kit

Designed to calibrate, clean and extend the life of your pH electrode. The kit contains pH buffers in twin neck bottles (500ml of each of pH4.00, 7.00 and 10.00 @20°C), 500ml electrode storage solution, electrode cleaning solutions (100ml of each of Biological, Organic and Inorganic), filling solution (100ml of each of 3M KCl/AgCl and 4M KCl), 2 pipettes, 100ml regeneration solution, instruction card and GLP log book.

Reference: RN/RCMK

£97.93

Filling Solutions

3mol/litre Potassium chloride (KCl) free from silver ion 100ml

Reference: RN/EFS3

£14.59

3mol/litre Potassium chloride (KCl) free from silver ion 500ml

Reference: RN/EFS35

£36.48

Saturated Potassium Chloride (KCl) free from silver ion 100ml

Reference: RN/LKCL

£14.59

Cleaning Solutions

Electrode cleaning solution (Pepsin/hydrochloric acid) for removal of protein 500ml

Reference: RN/ECS

£19.45

Inorganic electrode cleaning solution 500ml

Reference: RN/IECS5

£26.75

Organic cleaning solution 500ml

Reference: RN/OECS

£21.89

Storage Solutions

pH electrode storage solution 500ml

Reference: RN/ESS5

£21.89

pH electrode storage solution 1000ml

Reference: RN/ESS01

£36.98

Lovibond pH Comparator Kits

A range of easy to use comparator kits complete with reagents and instructions.

Value pH	Volume	Reference	Price
6.5 - 8.4	Phenol red	TT/14.71.00	£29.50
5.2 - 6.8	Bromocresol purple	TT/14.71.10	£29.50
6.0 - 7.6	Bromothymol blue	TT/14.71.20	£29.50
4.0 - 10.0	Universal	TT/14.71.30	£29.50

Hach pH Comparator Kits

A range of easy to use kits using comparator discs or cubes.

Range pH	Chemistry	Type	No of Tests	Reference	Price
5.5 - 7.5	Bromthymol blue	Cube	50	HH/20671-00	£20.70
6.5 - 8.5	Phenol red	Cube	50	HH/12519-00	£22.90
3.0 - 5.0	2,4-Dinitrophenol	Disc	200	HH/01470-04	£72.10
5.2 - 6.8	Bromcresol purple	Disc	200	HH/01470-14	£72.10
6.5 - 8.5	Mid range indicator	Disc	200	HH/26674-00	£72.00
5.5 - 8.5	Bromthymol blue	Disc	200	HH/01470-06	£72.10
6.5 - 8.5	Phenol red	Disc	200	HH/01470-08	£72.10
7.8 - 10.0	Thymol blue	Disc	200	HH/01470-09	£72.10
9.7 - 11.6	Alizarin yellow GG	Disc	200	HH/01470-10	£72.10
4.0 - 10.0	Wide range indicator	Disc	300	HH/01470-11	£78.60



Hach pH Comparator Kits

PH PAPERS

Duotest Two Zone Indicator Papers

Duotest papers are indicator papers having two complimentary zones separated by a white centre band. These offer a number of advantages including greater accuracy, better readability, higher mechanical strength and dispenser designed to ensure the end of the roll is always available.

Duotest 1.0 – 12.0 Reel in dispenser

Reference: MN/903.01 £7.60

Duotest 1.0 – 4.3 Reel in dispenser

Reference: MN/903.02 £7.60

Duotest 3.5 – 6.8 Reel and dispenser

Reference: MN/903.03 £7.60

Duotest 5.0 – 8.0 Reel and dispenser

Reference: MN/903.04 £7.60

Duotest 7.0 – 10.0 Reel and dispenser

Reference: MN/903.05 £7.60

Duotest 9.5 – 14.0 Reel and dispenser

Reference: MN/903.06 £7.60

Refill reels 1.0 – 12.0 packs of 3

Reference: MN/903.11 £17.20

Refill reels 1.0 – 4.3 packs of 3

Reference: MN/903.12 £16.70

Refill reels 3.5 – 6.8 packs of 3

Reference: MN/903.13 £17.20

Refill reels 5.0 – 8.0 packs of 3

Reference: MN/903.14 £17.20

Refill reels 7.0 – 10.00 packs of 3

Reference: MN/903.15 £17.20

Refill reels 9.5 – 14.0 packs of 3

Reference: MN/903.16 £17.20



Duotest Two Zone Indicator Papers



Universal Indicator Papers

Single zone papers produced by total impregnation of the paper with a pH indicator. Supplied in 5 meter reels in a dispenser complete with colour scale. Please note colour scale and dispensers not available separately.

Universal indicator paper 1 – 11 dispenser and reel
Reference: MN/902.01 £6.10

Universal indicator paper 1 – 14 dispenser and reel
Reference: MN/902.04 £6.10

Refill reels 1 – 11 packs of 3
Reference: MN/902.02 £9.80

Refill reels 1 – 14 packs of 3
Reference: MN/902.24 £9.80



Tritest Triple Zone Indicator Paper

Tritest paper has three complementary indicator zones on a single strip to guarantee a clear colour differentiation and the possibility to estimate between values. Supplied in 5 metre rolls with dispenser and colour scale.

Tritest 1 – 11 with dispenser
Reference: MN/905.01 £6.50

Refill packs of 3
Reference: MN/905.02 £13.60



Lyphan pH Papers Reels

High quality multi zone pH indicator supplied in reels which are impregnated with 2, 3 or 4 indicating dyes. Each roll is 6 metres long and supplied in plastic dispenser with printed colour scale.

Lyphan reel 1 – 11
Reference: LY/R111 £14.40

Lyphan reel 3.9 – 6.9
Reference: LY/R3969 £13.80

Lyphan reel 4.9 – 7.9
Reference: LY/R4979 £13.80

Lyphan reel 6.9 – 9.9
Reference: LY/R6999 £13.80

Lyphan reel 0 – 14
Reference: LY/R014 £18.20

Refill 1 – 11 pack of 2
Reference: LY/NF111 £21.00

Refill 3.9 – 6.9 pack of 2
Reference: LY/NF3969 £17.40

Refill 4.9 – 7.9 pack of 2
Reference: LY/NF4979 £17.40

Refill 6.9 – 9.9 pack of 2
Reference: LY/NF6999 £17.40

Refill 0 – 14 single roll
Reference: LY/NF014 £13.80

Lyphan pH Strips

High quality, multizone pH strips especially suitable for testing turbid or coloured solutions. Sensitivity down to values of 0.05pH. Supplied in boxes of 200

Strips with 0.3 graduations

Reference	Range pH	Price
LY/L650	0.4 to 1.4	£13.80
LY/L651	1.0 to 2.8	£13.80
LY/L652	1.6 to 3.7	£13.80
LY/L659	2.4 to 4.3	£13.80
LY/L656	2.6 to 4.1	£13.80
LY/L658	2.6 to 4.7	£13.80
LY/L625	3.0 to 5.1	£13.80
LY/L662	3.9 to 5.4	£13.80
LY/L663	3.9 to 6.0	£13.80
LY/L664	4.3 to 6.1	£13.80
LY/L665	5.2 to 6.7	£13.80
LY/L668	6.0 to 7.5	£13.80
LY/L670	6.0 to 8.1	£13.80
LY/L669	6.6 to 8.1	£13.80
LY/L672	6.6 to 8.7	£13.80
LY/L671	7.5 to 8.7	£13.80
LY/L674	8.2 to 9.7	£13.80
LY/L677	8.8 to 10.0	£13.80
LY/L680	9.4 to 10.3	£13.80
LY/L683	10.1 to 11.3	£13.80
LY/L686	10.4 to 11.6	£13.80
LY/L701	11.0 to 13.1	£13.80

Strips with 0.2 graduations

Reference	Range pH	Price
LY/L653-8	1.8 to 3.2	£15.80
LY/L656-6	3.0 to 4.4	£15.80
LY/L662-8	3.9 to 5.3	£15.80
LY/L665-8	5.2 to 6.6	£15.80
LY/L666-8	6.0 to 7.4	£15.80
LY/L667-8	6.6 to 8.0	£15.80
LY/L668-8	5.6 to 7.0	£15.80
LY/L669-8	6.6 to 8.0	£15.80
LY/L671-8	7.3 to 8.7	£15.80
LY/L676-8	8.6 to 10.0	£15.80

Others

Reference	Range pH	Graduations	Price
LY/L695	9.0 to 14.0	1	£13.80
LY/L698	10.5 to 13.0	0.5	£13.80
LY/L699	11.5 to 14.0	0.5	£13.80



Lyphan pH Strips



Pehanon Indicator Papers

Pehanon Indicator Papers

A range of papers with the indicator and colour scale (plus values) combined on individual strips. A strip is immersed so that all the colour zones are wetted, enabling coloured solutions to be accurately tested if required. An invisible hydrophobic barrier prevents liquid reaching the fingers. The indicator zone (unprinted field) is in the centre of the strip with the comparison fields above and below. Supplied in boxes of 200 of 100 x 11mm.

Reference	Range pH	Graduations	Price
MN/904.01	1.0 to 12.0	1	£10.10
MN/904.11	0.0 to 1.8	0.2/0.3	£8.80
MN/904.12	1.0 to 2.8	0.2/0.3	£8.80
MN/904.13	1.8 to 3.8	0.2/0.3	£8.80
MN/904.14	2.8 to 4.6	0.2/0.3	£8.80
MN/904.15	3.8 to 5.5	0.2/0.3	£8.80
MN/904.24	4.0 to 9.0	0.5	£8.80
MN/904.16	5.2 to 6.8	0.2/0.3	£8.80
MN/904.17	6.0 to 8.1	0.3	£8.80
MN/904.19	7.2 to 8.8	0.2/0.3	£8.80
MN/904.20	8.0 to 9.7	0.2/0.3	£8.80
MN/904.21	9.5 to 12.0	0.5	£8.80
MN/904.22	10.5 to 13.0	0.5	£8.80
MN/904.23	12.0 to 14.0	0.5	£10.10



pH-Fix Indicator Paper

pH-Fix Indicator Paper

In contrast to conventional indicator papers the indicator dyes of the pH-Fix sticks are substantively bound to the cellulose fibres. As a result the possibility of the colour bleeding, even in strong basic solutions, is avoided.

These papers offer advantages over standard papers: Measurement of pH value is possible even in unbuffered or very weakly buffered solutions, since the sticks can be left in the solution until the final colour change is complete. Test samples are not contaminated by the indicator dye. Colours of individual colour fields cannot run into each other, therefore allowing a more precise comparison with the colour scale.

Reference	Range pH	Graduations	Price
MN/921.10	0.0 to 14.0	1	£7.00
MN/921.15	0.0 to 6.0	0.5	£7.00
MN/921.18	2.0 to 9.0	0.5	£7.00
MN/921.20	4.5 to 10.0	0.5	£7.00
MN/921.25	7.0 to 14.0	0.5	£7.00
MN/921.30	3.6 to 6.1	0.3/0.5	£7.00
MN/921.40	5.1 to 7.2	0.3	£7.00
MN/921.50	6.0 to 7.7	0.3/0.4	£7.00
MN/921.60	7.5 to 9.5	0.2/0.4	£7.00
MN/921.70	7.9 to 9.8	0.2/0.4	£7.00
MN/921.80	0.3 to 2.3	0.3/0.4	£7.00
MN/921.90	1.7 to 3.8	0.3	£7.00

Whatman pH Indicator Strips

Whatman Type CF strips have multiple segments of different dye-impregnated paper mounted on each plastic strip. The dyes are chemically bonded so they will not leach out into the solution. Supplied in packs of 100 strips 6 x 80mm.

Whatman CF indicator strips pH 0-14.

Reference: WN/2613-991 £9.00

Whatman CF indicator strips pH 4.5-10

Reference: WN/2614-991 £9.00

Whatman Type CS strips have a printed colour comparison chart on each strip and a central indicator segment which changes colour. This middle is then compared against the chart making it particularly useful for coloured samples. Supplied in packs of 200 strips 11 x 100mm.

Whatman CS indicator strips pH 1-12.

Reference: WN/2612-990 £17.30

Whatman CS indicator strips pH 1.8-3.8.

Reference: WN/2626-990 £14.40

Whatman CS indicator strips pH 3.8-5.5.

Reference: WN/2627-990 £14.40

Whatman CS indicator strips pH 5.2-6.8.

Reference: WN/2628-990 £14.40

Whatman CS indicator strips pH 6.0-8.1.

Reference: WN/2629-990 £14.40

Whatman CS indicator strips pH 8.0-9.7.

Reference: WN/2630-990 £14.40

Whatman pH Indicator Books

Wide range pH indicator book supplied in cartons of 10 packs of 10 books of 20 leaves. The inside cover of each book has a colour comparison chart.

Indicator book pH 1-11

Reference: WN/2600-500 £48.30

Indicator book pH 6.8-8.3.

Reference: WN/2638-500 £40.00



Whatman pH Indicator Strips



Whatman pH Indicator Books

pH/Phenols



Whatman pH Indicator Reels and Dispenser

pH indicator papers with dispenser. Supplied in packs of 4 reels. Each reel 6mm x 5m

Standard full range paper 0-14	
Reference: WN/2600-100	£34.80
Standard narrow range 1-4	
Reference: WN/2600-101	£32.10
Standard narrow range 4-7	
Reference: WN/2600-102	£32.10
Standard narrow range 6.4-8.0	
Reference: WN/2600-103	£32.10
Standard narrow range 8-10	
Reference: WN/2600-104	£32.10

Also available as a triple colour paper in 10mm x 5m format. Range 1-11 supplied single.

Reference: WN/2611-628	£11.10
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Specialist Test Papers

Litmus blue paper in carton of 10 packs of 10 books of 20

Reference: WN/2600-601	£39.10
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Litmus red paper in carton of 10 packs of 10 books of 20

Reference: WN/2600-602	£39.10
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Starch iodide paper in carton of 10 packs of 10 books of 20

Reference: WN/2651-500	£40.00
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Litmus blue paper in pack of 4 dispensers 6mm x 5m

Reference: WN/2600-201	£32.10
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Congo red paper in pack of 4 dispensers 6mm x 5m

Reference: WN/2600-203	£32.10
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Phenolphthalein paper in pack of 4 dispensers 6mm x 5m

Reference: WN/2600-204	£32.10
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Starch iodide paper per reel 6mm x 5m

Reference: WN/2602-500A	£8.60
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PHENOLS

Hach Comparator Kit Model PL-1

Colour disc kit with reagents for 100 tests and instructions.

Measuring ranges: 0 – 1 and 0 – 5 mg/l in steps of 0.02 and 0.1 respectively

Supplied with reagents for 100 tests.

Chemistry: 4-aminoantipyrine

Reference: HH/24836-00	£123.90
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Phosphonate/Phosphate

PHOSPHONATE

Hach Comparator Kit Model PN-10

Colour disc kit complete with reagents for 100 tests, UV lamp, carrying case and instructions.

Measuring ranges: 0 – 5 and 0 –250 mg/l in steps of 1 as PO_4^{3-}

Chemistry: UV photolysis

Reference: HH/21133-02 £640.00

Also available without the UV lamp.

Reference: HH/21133-01 £357.00



Hach Comparator Kit

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0.1 – 2.5mg/l in steps of 0.1 as PO_4^{3-}
1 –125mg/l in steps of 0.1 as PO_4^{3-}

Chemistry: UV photolysis

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-08 £540.00



Hach Pocket Colorimeter

PHOSPHORUS/PHOSPHATE

Camlab CW2170 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results for low range phosphate.

Measuring range: 0.05 –4.0mg/l as PO_4

Wavelength: 660nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.79.00 £270.00



Camlab CW2000 Colorimeter

Phosphorus/Phosphate



Camlab CW2180 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results for high range phosphate.

Measuring range: 10 - 100mg/l as PO_4

Wavelength: 470nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.78.00

£270.00



Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0 - 3mg/l as PO_4^{3-} in steps of 0.01

Chemistry: Ascorbic Acid

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-06

£318.20



Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case. For the measurement of low level phosphate.

Measuring range: 0 - 4mg/l PO_4

Reference: TT/14.73.00

£29.50

Phosphorus/Phosphate

Hach Comparator Kit Model PO-19 (reactive phosphate)

Colour disc kit with reagents for 100 tests, carrying case and instructions.

Measuring ranges: 0 – 1, 0 – 5, 0 – 50mg/l as PO_4 in steps of 0.02, 0.1 and 1 respectively.

Chemistry: Ascorbic Acid

Reference: HH/02248-00 £90.20



Hach comparator kit model PO-19A (reactive phosphate)

Colour disc kit with reagents for 100 tests, filtration kit, carrying case and instructions.

Measuring ranges: 0 – 5, 0 – 50mg/l as PO_4 in steps of 0.1 and 1 respectively.

Chemistry: Ascorbic Acid

Reference: HH/02248-01 £118.70

Hach Cube Kit Model (Reactive Phosphate)

Simple colour cube kit complete with reagents for 50 tests and instructions.

Measuring ranges: 0 – 5mg/l as PO_4 in steps of 1.

Chemistry: Ascorbic Acid

Reference: HH/12522-00 £22.90



Hach Comparator Kit Model PO-14 (reactive phosphate)

Colour disc kit based on the stannous chemistry.

Measuring ranges: 0 – 4.5, 0 – 45mg/l as PO_4 in steps of 0.1 and 1 respectively.

Supplied with reagents for 100 tests.

Reference: HH/01475-00 £65.30



Phosphorus/Phosphate/Potassium/QAC



Hach Comparator Kit Model PO-23 (Ortho/Meta Phosphate)

Colour disc kit with reagents for 100 tests, carrying case and instructions.

Measuring ranges: 0 – 5, 0 – 50mg/l as PO_4 in steps of 0.1 and 1 respectively.

Chemistry: Ascorbic Acid

Reference: HH/02249-02 £126.00

Hach Comparator Kit Model PO-23A (Ortho/Meta Phosphate)

As PO-23 but can be used for turbid samples

Reference: HH/02249-03 £136.50



Hach Comparator Kit Model PO-24 (Total Phosphate)

Colour disc kit with reagents for 100 tests, carrying case and instructions.

Measuring ranges: 0 – 1, 0 – 5, 0 – 50mg/l as PO_4 in steps of 0.02, 0.1 and 1 respectively.

Chemistry: Ascorbic Acid

Reference: HH/02250-01 £182.70

Quantofix Test Papers for Phosphate

Easy to use test papers supplied in boxes of 100.

Graduations: 0-3-10-25-50-100mg/l as PO_4^{3-}

Reference: MN/913.20 £25.00

POTASSIUM

Quantofix Test Papers for Potassium

Easy to use test papers supplied in boxes of 100.

Graduations: 0-200-400-700-1000-1500mg/l as K^+

Reference: MN/913.16 £27.00



Q.A.C. (QUATERNARY AMMONIUM COMPOUNDS)

Lovibond Mini Kit using Tablet Count Method

Range 0-500mg/l active QAC

Reference: TT/41.41.70 £18.40



SALINITY

Hach Digital Titrator Kit Model SA-DT

Titration drop count kit using the Hach Digital Titrator complete with instruction manual and carrying case.

Measuring range: 2 – 100ppt in steps of 2

Chemistry: Digital titrator/ mercuric nitrate.

Supplied with reagents for approximately 100 tests.

Reference: HH/24218-00

£209.00



Hach Digital Titrator Kit

SILICA

Camlab CW2190 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results for high range phosphate.

Measuring range: 0.05 - 4mg/l as SiO₂

Wavelength: 580nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.81.00

£270.00



Camlab CW2000 Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0 – 100mg/l as SiO₂ in steps of 1mg/l

Chemistry: Silicomolybdate

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-34

£362.30



Hach Pocket Colorimeter

Silica/Silver



Lovibond Comparator Kit

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case. For the measurement of low level silica.

Measuring range: 0.25 – 4mg/l as SiO₂

Reference: TT/14.73.50

£34.90

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case. For the measurement of very low level silica.

Measuring range: 0 - 1mg/l as SiO₂

Reference: TT/14.73.60

£39.60

Hach Comparator Kit Model SI-7

Colour disc kit with reagents for 100 tests, carrying case and instructions.

Measuring range: 0 – 1mg/l as SiO₂ in steps of 0.02

Chemistry: Fast heteropoly blue, amino acid

Reference: HH/22550-00

£120.80



Hach Comparator Kit

Hach Comparator Kit Model SI-5

Colour disc kit with reagents for 100 tests, carrying case and instructions.

Measuring ranges: 0 -40 and 0 - 800mg/l as SiO₂ in steps of 1 and 20 respectively.

Chemistry: Fast heteropoly blue, amino acid

Reference: HH/14554-00

£112.40

SILVER

Hach Rapid Silver test kit

Visual comparison kit measuring in the range 0 – 50ppb as Ag.

Supplied with reagents for 100 tests

Reference: HH/26745-00

£182.70

Silver Ion Selective Electrode

Suitable for any pH/ISE meter, BNC adapters available if required

**For ISE electrodes
see page 198**

SULPHATE

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 2 – 70mg/l in steps of 1 as SO_4^{2-}

Chemistry: Turbidimetric

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, carrying case, accessories and instructions

Reference: HH/58700-29

£362.30



Hach Pocket Colorimeter

SULPHIDE/HYDROGEN SULPHIDE

Hach Test Kit Model HS-C

Simple to use test kit using a colour chart and effervescence of H_2S method.

Measuring range: 0 – 5mg/l as H_2S in steps of 0.1

Supplied with 100 test strips and 18 effervescence tablets (AlkaSeltzer)

Reference: HH/25378-00

£41.40



Hach Test Kit Model HS-C

Hach Colour Comparator Kit Model HS-WR

Colour comparator kit with reagents for 150 tests, carrying case and instructions.

Measuring ranges: 0 – 0.55 in steps of 0.01 mg/l as S_2
 0 – 2.25 in steps of 0.5 mg/l as S_2
 0 – 11.25 in steps of 2.5 mg/l as S_2

Chemistry: Methylene blue

Reference: HH/02238-01

£174.30



Hach Colour Comparator Kit

Sulphide Ion Selective Electrode

Suitable for any pH/ISE meter,
 BNC adapters available if required

**For ISE electrodes
 see page 198**

Sulphite/Tannin/Lignin



Lovibond Comparator Kit

SULPHITE

Lovibond Comparator Kit

Checkit comparator kit complete with colour disc, reagents and carrying case. For the measurement of low level sulphite.

Measuring range: 0.5 – 10mg/l as SO_3^{2-}

Reference: TT/14.73.80

£29.50

Hach Drop Count Kit Model SU-5

Simple drop count kit for the measurement of sulphite with reagents for 100 tests and instructions.

Measuring ranges: 1 – 20mg/lmg/l as SO_3^{2-} in steps of 1
10 – 200mg/l as SO_3^{2-} in steps of 10

Chemistry: Titration idiometric

Reference: HH/01480-02

£82.00

Hach Digital Titrator Kit Model SU-DT

Titration/drop count kit using the Hach Digital Titrator

Measuring range: 10 – 800mg/l in steps of 0.4 or 4.0 as SO_3^{2-}

Chemistry: Digital titrator/iodometric.

Supplied with reagents for approximately 100 tests.

Reference: HH/20633-00

£255.20

Quantofix Test Paper for Sulphite

Easy to use test papers supplied in boxes of 100.

Graduations: 0-10-25-50-100-250-500-1000 mg/l SO_3^{2-}

Reference: MN/913.06

£27.00



Quantofix Test Paper

TANNIN/LIGNIN

Hach Comparator Kit Model TA-3

Colour disc kit with reagents for 100 tests, carrying case and instructions.

Measuring ranges: 0 - 15 and 0 - 150mg/l in steps of 0.5 and 5 respectively as tannic acid.

Chemistry: Tyrosine.

Reference: HH/01937-01

£142.80



Hach Comparator Kit



TEMPERATURE

Hanna Temperature Checker

Lightweight, pocket-size digital thermometer combining fast and accurate temperature measurements with good economy. The Temperature Checker is supplied with a fixed stainless steel probe, probe cover and battery.

Measuring range: -50.0 to +150.0°C

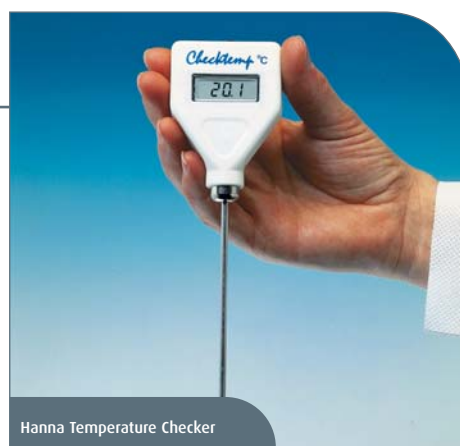
Accuracy: +/-0.3°C

Probe length 100mm long x 3mm diameter.

3000 hours battery life

Reference: HI/6602-3794

£23.50



Hanna Temperature Checker

Waterproof Digital Pen-Type Thermometer

Ideal for liquid or semi-solid sampling. The case and probe protection sheath are made of ABS grade plastic and the sheath includes a hole which means that the unit can be used for stirring whilst still measuring the temperature. The probe is constructed from stainless steel and has a pointed tip.

Measuring range: -50 to +150°C

Resolution: 0.1°C

Probe size 125mm long x 4mm diameter

Reference: LHW.300

£13.60



Waterproof Digital Pen-Type Thermometer

Waterproof Digital T-Bar Stem Thermometer

A low cost, rapid response thermometer with detachable vented probe protection sheath. Waterproof membrane type keypad has push button keys for on/off and test/hold. When used in the test mode the display will read the current temperature, the hold function will freeze the displayed value allowing the user to remove the probe but still retain the reading.

Measuring range: -50 to +150°C

Resolution: 0.1°C

Probe length 125mm length x 4mm diameter

Reference: LHW.301

£14.50



Waterproof Digital T-Bar Stem Thermometer

Thermapen Folding Thermometer

Pocket thermometer with a large LCD display. The stainless steel probe can be folded away when not in use for easy carrying. Opening the probe automatically switches on the thermometer which also has an auto off function. Supplied with battery, wrist strap and calibration certificate.

Measuring range: -49.9 to +199.9°C

Resolution: 0.1°C

Probe length 115mm length x 3mm diameter

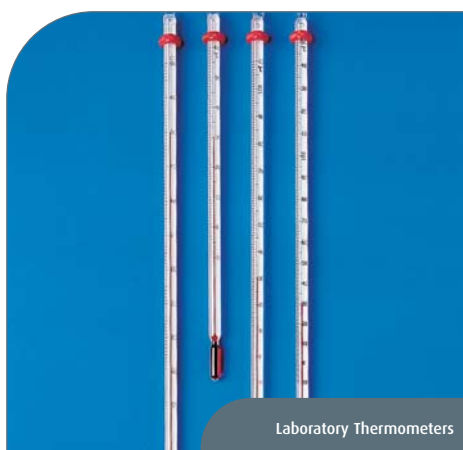
Reference: ET/6602-3780

£52.50



Thermapen Folding Thermometer

Temperature



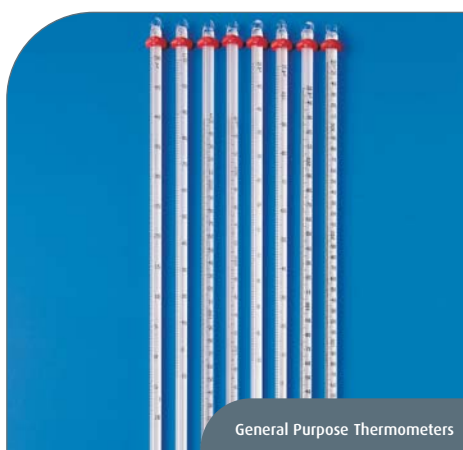
Laboratory Thermometers

Laboratory Thermometers

Red spirit filled, white back glass. All have divisions of 1°.

Ordering information

Reference	Range mm	length Pk of 5	Price
NB/44/105/6	-50° to 50°C	300	£71.00
NB/44/105/1	-10° to 60°C	200	£14.30
NB/44/417/0	-10° to 110°C	250	£13.70
NB/44/105/5	-10° to 150°C	250	£13.00



General Purpose Thermometers

General Purpose Thermometers

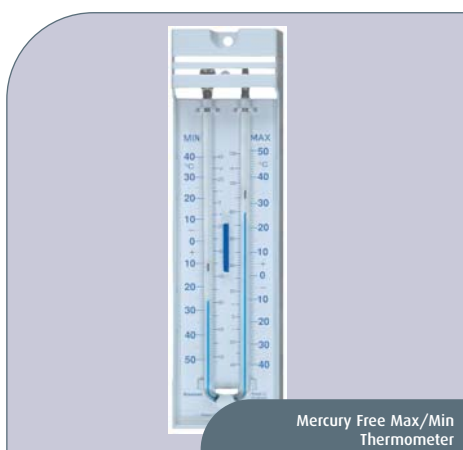
305mm solid stem thermometers with white backed glass. Includes non-roll fittings. Mercury filled.

76mm immersion

Reference	Range	Divn.	Pack of 5
NB/40/401/0	-10°to 50°C	0.5°	£15.20
NB/40/403/0	-10°to 110°C	1°	£13.80
NB/40/410/0	-10°to 250°C	1°	£17.10
NB/40/414/0	-10°to 360°C	2°	£18.30

Total immersion

Reference	Range	Divn.	Pack of 5
NB/40/401/1	-10°to 50°C	0.5°	£15.20
NB/40/403/1	-10°to 110°C	1°	£13.80
NB/40/410/1	-10°to 250°C	1°	£17.10
NB/40/414/1	-10°to 360°C	2°	£18.30



Mercury Free Max/Min Thermometer

Mercury Free Max/Min Thermometer

At last... a traditional Maximum Minimum thermometer with environemntally friendly filling offering the ideal substitute for mercury models.

- Reliable and Accurate
- Capable of low temperatures
- Easy to read
- Push Button
- Made in the UK
- ISO 9001:000 quality assured manufacturer

Reference	Description	Price
NB/12/408/3	Max/Min Mercury Thermometer	£33.00

Standard Room Thermometer

Traditional beechwood wall thermometer.
Dual scale: (-30° to +50°C/-20° to +120°F).
Red spirit filled tube and hanging slot.

Ordering information

NB/14/432/3 Room thermometer £4.50

Low Toxicity Laboratory Thermometer

This new range of laboratory thermometers with environmentally friendly filling offers the ideal substitute for the traditional mercury filled thermometers up to 330°C.

- Low toxic blue or brown filling is easy to read
- Accurately calibrated against traceable standards
- Temperature ranges up to 330°C
- Blue non-roll top and safety suspension ring
- Clear permanent markings

Reference	Description	Price each
NB/44/850/7	Low Tox 155mm (-10+500C)	£9.50
NB/44/830/7	Low Tox 155mm (-10+1000C)	£9.20
NB/44/801/8	Low Tox 305mm (-35+500C)	£13.20
NB/44/800/8	Low Tox 305mm (-10+500C)	£12.50
NB/44/802/8	Low Tox 305mm (-20+1100C)	£11.80
NB/44/803/8	Low Tox 305mm (-20+1500C)	£12.50
NB/44/809/8	Low Tox 155mm (-10+2100C)	£13.20
NB/44/808/8	Low Tox 155mm (-10+2600C)	£12.50
NB/44/810/8	Low Tox 155mm (-10+3000C)	£11.80
NB/44/811/8	Low Tox 155mm (-10+3300C)	£12.50
NB/44/805/8	Low Tox 155mm (-10+500C)	£19.80
NB/44/804/8	Low Tox 155mm (-10+500C)	£19.80
NB/44/812/8	Low Tox 155mm (-10+500C)	£19.80
NB/44/815/0	Low Tox 155mm (-10+500C)	£18.00
NB/44/814/0	Low Tox 155mm (-10+500C)	£18.00



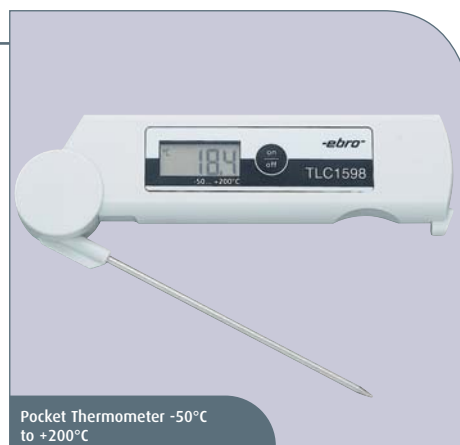
Low Toxicity Laboratory Thermometer

Pocket Thermometer -50°C to +200°C

A small, robust, battery operated thermometer with fold-back stainless steel probe, suitable for measuring air, liquids and semi-solid products such as meat, fruit, etc.

SPECIFICATIONS

Sensor type:	Platinum Pt1000
Temperature range:	-50° to +200°C
Resolution:	0.1°C
Accuracy:	±0.2°C
Display:	9mm LCD
Battery:	Lithium, 3.6V
Battery life:	Approx. 4 years
Weight:	70g



Pocket Thermometer -50°C to +200°C

Ordering information

EO/TLC1598 Pocket Thermometer £122.00

Tin/Total Organic Carbon (TOC)/Turbidity

TIN

Quantofix Test Papers for Tin

Easy to use test papers supplied in boxes of 100.

Graduations: 0-10-25-50-100-250-500 mg/l Sn^{2+}

Reference: MN/913.09

£24.60



Quantofix Test Paper

TOTAL ORGANIC CARBON (TOC)

For systems to measure TOC please see mutli parameter instruments section.

TOC Standard Solutions (500ml bottles)

Value ppm	Reference	Price
5	RN/TOC5	£41.97
10	RN/TOC10	£41.97
50	RN/TOC50	£41.97
500	RN/TOC500	£41.97
1000	RN/TOC1M	£41.97
2000	RN/TOC2M	£41.97

TURBIDITY

Camlab CW8100 Portable Turbidity Meter

The compact CW8100 portable turbidity meter features an infrared light source and is designed to give fast, precise on-site testing. The unit can be used for clear or coloured solutions and measures the scattered light at an angle of 90° as stipulated in EN ISO7027. The wide measuring range makes the meter suitable for many applications including drinking water, waste water, food and drink and petrochemicals.

SPECIFICATIONS

Measuring range	0.2 to 200 NTU in four ranges
Resolution	0.1NTU in lower two ranges
Measurement cycle	Approximately 9 seconds
Display	LCD
Power supply	9V battery
Ambient conditions	0 - 40°C
Dimensions	190x110x55mm(lxdxh)

Camlab CW8100 Portable Turbidimeter complete with four turbidity standards, battery, samples cells and carrying case.

Reference: CW/20.60.20 £395.00

Set of secondary standards 1, 10, 100 and 1000NTU

Reference: TT/19.36.00 £60.30

Set of 12 sample cells

Reference: TT/19.76.65 £66.30



Camlab CW8100
Portable Turbidity Meter



camlab

Camlab CW8200 Laboratory and Portable Turbidimeter

This high precision instrument is designed for laboratory or field use. Turbidity is measured by the amount of light scattered at 90° in accordance to ISO7027. The infra-red light source means that turbidity can be measured in both clear and coloured samples.

Features:

- Automatic overall range adjustment with just three standards
- RS232 interface
- Storage for up to 1000 data sets
- Real time clock
- Waterproof sample chamber and housing

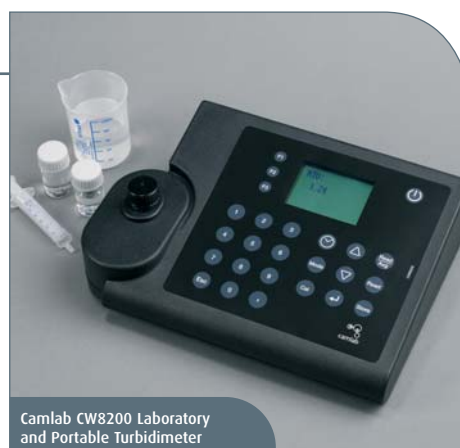
SPECIFICATIONS

Measuring range	0.01 - 1100NTU (Auto ranging)
Resolution	0.01 in lowest range
Light source	IR - LED (860nm)
Display	Graphic display
Power	7 NiCd rechargeable batteries or mains supply via adapter
Ambient conditions	5 - 40°C
Dimensions	265 x 195 x 70mm (l x w x d)

Camlab CW8200 Turbidimeter complete with samples cells, standards and instructions.

Reference: CW/19.40.20

£995.00



Camlab CW8200 Laboratory and Portable Turbidimeter

Hach 2100P Portable Turbidimeter

The 2100P Portable Turbidimeter features a level of performance normally associated with a laboratory instrument. Its microprocessor controlled touch screen functions and patented Ratio® optical system bring greater accuracy, sensitivity and reliability to field testing. The two detector optical system compensates for colour in the sample, light fluctuation and stray light allowing analysts to achieve laboratory-level results with a wide range of samples, even under difficult on-site conditions.

Features:

- Selectable signal averaging mode compensates for fluctuations in readings caused by movement of large particles in the light path
- Pre-programmed calibration procedure, with microprocessor controlled adjustment of calibration curve. No potentiometers to adjust.
- Electronic zeroing: compensates for electronic and optical offsets. No manual adjustments required.
- Built in diagnostics accessible with one keystroke



Hach 2100P Portable Turbidimeter

Turbidity

SPECIFICATIONS

Measuring range	0 - 1000NTU in three ranges
Resolution	0.01NTU
Power	4 AA Alkaline batteries or mains via optional adapter
Overall weight	3.2Kg

Hach 2100P Turbidimeter (white light version) complete with nine sample cells, 100ml of 4000NTU primary formazin standard, set of secondary standards, silicone oil, oiling cloth, instruction manual, quick reference card and carrying case.

Reference: HH/46500-02 £1080.00

Hach 2100P Turbidimeter as above except ISO version with infra-red light source.

Reference: HH/44740-00 £1079.00

Silicone oil, 15ml

Reference: HH/01269-36 £8.30

Degassing kit

Reference: HH/43975-00 £25.30

Sample cell oiling cloth

Reference: HH/47076-00 £8.30

Battery eliminator

Reference: HH/46080-00 £78.70

Hach 2100N/2100AN Laboratory Turbidimeters

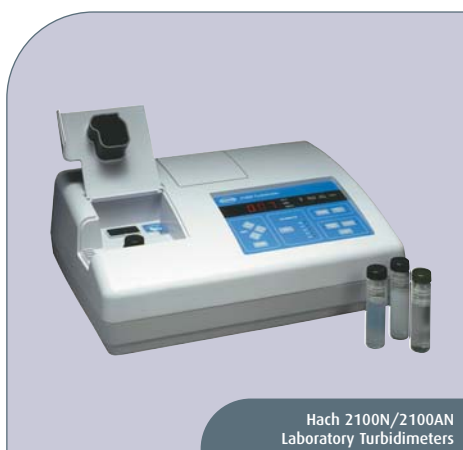
The 2100N and AN Turbidimeters are designed to meet all the needs of today's laboratory and take the process of turbidity measurement to a new level. Both units measure the levels of turbidity by the 90° scatter method in either a ratio or non ratio mode. The proven multi-detector optical system in the Ratio mode also uses back scatter and forward scatter detectors. A back scatter detector is also featured in the 2100AN

Standard features:

- Easy to use
- Expanded ranges using three selectable readout mode of NTU, Nephlos or EBC
- Optional ratioing
- Signal averaging – minimizes noise and display fluctuations
- Easy calibration
- Air purge system
- RS232 input/output
- Self diagnostic tests
- Two year warranty

The 2100AN also includes:

- Wider measurement range up to 10000NTU
- Measure absorbance, %transmittance or colour
- Interchangeable 455nm colour filter for APHA Pt-Co colour measurement
- User specified unit display
- Built in printer
- Real time clock
- Flow cell capability
- Recorder output



SPECIFICATIONS

	2100AN	2100N
Measurement modes	Select NTU, EBC, Nephlos, ABS, %T or Colour	Select NTU, EBC or Nephlos
Ranges NTU	Ratio on 0-0.999, 0-9.99, 0-99.9, 0-10000 Ratio off 0-40	Ratio on 0-0.999, 0-9.99, 0-99.9, 0-4000 Ratio off 0-40
Accuracy	+/- 2% of reading +/-0.01 NTU from 0-1000NTU	+/- 2% of reading +/-0.01 NTU from 0-1000NTU
Resolution	0.001NTU on lowest range	0.001NTU on lowest range
Repeatability	0.001 on lowest range	0.001 on lowest range
Response time	6.8 second with signal averaging of 14 second with signal averaging on	6.8 second with signal averaging of 14 second with signal averaging on
Display	5 character LED	4 character LED
Operating temperature	0 - 40°C	0 - 40°C
Recorder output	0 - 1V	-

Hach 2100AN Laboratory Turbidimeter complete with sample cells, set of secondary standards, 100ml of 4000NTU formazin standard, one ampoule of 7500NTU formazin standard, 455nm Interference filter assembly, silicone oil, sample cell oiling cloth, dust cover, power cord and instruction manual.

Reference: HH/47001-02 £3730.00

Hach 2100N Laboratory Turbidimeter complete with sample cells, set of secondary standards, 100ml of 4000NTU formazin standard, silicone oil, sample cell oiling cloth, dust cover, power cord and instruction manual.

Reference: HH/47000-02 £2690.00

Spare sample cells pack of 6

Reference: HH/20849-00 £32.90

Replacement lamp kit

Reference: HH/47089-00 £93.30

Replacement filter paper pack of 5 rolls

Reference: HH/47090-00 £24.80

Sample filtration and degassing kit

Reference: HH/43975-00 £25.30

Manual flow cell kit

Reference: HH/47449-00 £510.00

Automatic flow cell kit 230V operation

Reference: HH/47450-02 £850.00

High pressure flow cell kit

Reference: HH/47451-00 £293.00

The 2100AN and N are also available in an ISO version with infra red light source – please contact our Technical Sales Department for full details on 01954 233120.

Turbidity



LaMotte Portable Turbidity Meter Model 2020

LaMotte Portable Turbidity Meter Model 2020

The model 2020 combines laboratory accuracy and reliability in an extremely compact portable instrument with a measuring range of between 0 to 1100NTU. A multi detector optical configuration assures long term stability and minimises stray light and colour interferences. All readings are determined by a process of signal averaging over a 5 second period thus minimising fluctuations caused by large particles and enabling rapid, highly repeatable measurements.

SPECIFICATIONS

Measuring range	0 to 1100NTU
Resolution	0.01 in lowest range
Response time	5 seconds
Accuracy	+/- 2% of reading below 100NTU
Output	RS232
Power	9V battery or 220V with adapter
Dimensions	85x162x67mm (l x w x d)

LaMotte Portable Turbidimeter Model 2020 complete with sample cells, AC adapter, standards, carrying case and instructions.

Reference: LE/6605-0001 £740.00

Spare sample cell, pack of 4

Reference: LE/6605-0009 £22.20



Hanna Portable Turbidity Meter

Hanna Portable Turbidity Meter Model HI-93703C

This low cost unit is designed to provide a simple, accurate way to test turbidity on-site. The unit has two operating ranges 0.00 to 50FTU and 50 to 1000FTU. Compliant to ISO7027.

SPECIFICATIONS

Measuring range	0.00 to 50/50 to 1000FTU
Resolution	0.01/1FTU
Accuracy	+/-0.5FTU or +/-5% of reading, whichever is greater
Light source	Infra red LED
Power	4 x 1.5V AA battery
Environment	0 to 50°C, RH 95%
Dimensions	220x82x66mm

Hanna Portable Turbidity Meter complete with calibration solutions, sample cells, cleaning wipes, carrying case and instructions.

Reference: HI/6602-0087 £545.00

Hanna Portable Turbidity Meter as above with logging for up to 200 measurements. Model HI-93703-11C

Reference: HI/6602-0088 £510.10



Turbidity/Urea/Water in Oil

Secchi Disc

Traditional simple way to determine turbidity or the degree of visibility in natural waters. This weighted 200mm diameter disc has a braided stretch resistant line marked every half meter and every meter for up to 20 metres.

Reference: LE/6605-0025 £49.00

Turbidity Standards

Hach 4000NTU Formazin standard, 100ml

Reference: HH/02461-42 £15.90

Hach 4000NTU Formazin standard, 500ml

Reference: HH/02461-49 £56.60

Reagecon 0.0NTU standard, 100ml

Reference: RN/CRS-00-100 £33.96

Reagecon 40NTU standard, 100ml

Reference: RN/CRS-40-100 £47.54

Reagecon 60NTU standard, 100ml

Reference: RN/CRS-60-100 £95.08



Secchi Disc

UREA

Camlab CW2200 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results for urea.

Measuring ranges: 0.1 - 3 and 0.2 - 6mg/l

Wavelength: 660nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.85.00 £270.00



Camlab CW2000 Colorimeter

WATER IN OIL

Hach Test Kit Model WO-1

Easy to use kit based on a volumetric displacement/calcium hydride method. Two measuring ranges available 0 - 1% in steps of 0.05 and 0 - 10% in steps of 0.2.

Reference: HH/22373-00 £322.40

Zinc



Camlab CW2210 Colorimeter

ZINC

Camlab CW2210 Colorimeter

Single parameter handheld colorimeter. Microprocessor controlled for accurate and reproducible results for zinc and copper.

Measuring range: 0.02 - 1mg/l

Wavelength: 580nm

Features:

- Automatic zero calibration
- LED light source with long term stability
- Large digital display
- Auto switch off

Reference: CW/20.72.10

£270.00



Hach Pocket Colorimeter

Hach Pocket Colorimeter

Single parameter handheld colorimeter. Fixed wavelength and three key easy to operate design.

Measuring ranges: 0.02 – 3.0mg/l in steps of 0.01 as Zn

Chemistry: Zincon

Features:

- Silicon photodiode
- LED light source
- IP67 casing
- 2000 test battery life

Supplied with reagents for 100 tests, accessories and instructions

Reference: HH/58700-09

£362.30



Quantofix Test Papers

Quantofix Test Papers for Zinc

Easy to use test papers supplied in boxes of 100.

Graduations: 0-2-5-10-25-50-100 mg/l Zn²⁺

Reference: Mn/913.10

£26.00



camlab