

Chemistry

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Type Chemicals A	Quantity	Order code	1+
Acetone LR (Propanone LR) ((CH3)2CO)	500ml	52-7400	4.54
Acetone LR (Propanone LR) ((CH3)2CO)	1 Litre	52-7401	5.17
Acetone LR (Propanone LR) ((CH3)2CO)	2.5 Litre	52-7402	10.74
Agar fine powder	100g	52-7403	8.15
Agar fine powder	250g	52-7404	16.42
Albumen Egg Powder	100g	52-7405	6.21
Albumen Egg Powder	250g	52-7406	15.03
Aluminium Oxide LR (Alumina) (Al2O3)	500g	52-7407	5.47
Aluminium Powder Fine (Al)	500g	52-7408	18.69
4-Aminobenzoic Acid as Alternative	100g	52-7616	14.06
Di-Ammonium Iron (II) Sulphate 6-Water LR,			
(NH4)2S04FeS03.6H20 500g	500g	52-7409	21.99
Ammonium Nitrate LR (NH4N03)	500g	52-7410	5.68
Amylase (Bacterial Source)	10g	52-7411	6.21
Amylase (Bacterial Source)	25g	52-7412	6.77
Amylase (Bacterial Source)	100g	52-7413	21.80
Chemicals B			
Benedict's Reagent (Qualitative)	2.51	52-7414	11.46
Benedict's Reagent (Qualitative)	500ml	52-7415	3.10
Benzoic acid	100g	52-7615	2.81
Benzyl Alcohol (Phenylmethanol)	200ml	52-7614	5.63
Bicarb indicator	500ml	52-7416	3.20
Biuret Reagent (Working) Solution	500ml	52-7417	3.40
Buffer Solution Borate pH10	500ml	52-7418	3.52
Buffer Solution Phthalate pH3	500ml	52-7418	3.52
Витег Solution Phthalate pH3 Buffer Solution Phthalate pH4			
·	500ml	52-7420	3.52
Buffer Solution Phthalate pH5	500ml	52-7421	3.52
Buffer Solution Phosphate pH6	500ml	52-7422	3.52
Buffer Solution Phosphate pH7	500ml	52-7423	3.52
Buffer Solution Borate pH8	500ml	52-7424	3.52
Buffer Tablets pH4 (Phthalate)	Pk of 50	52-7425	11.79
Buffer Tablets pH7 (Phosphate)	Pk of 50	52-7426	11.79
Buffer Tablets pH9.2 (Borate)	Pk of 50	52-7427	11.79
Butan-1-ol	500ml	52-7586	5.34
Butan-2-ol	500ml	52-7587	7.88
Butanal	100ml	52-7588	6.75
Butane-1,4-Diamine, (1,4-Diaminobutane), C4H12N	250g	52-7618	21.93
Butanoic acid	100ml	52-7589	10.12
Chemicals C			
Calcium carbide	100g	52-7590	5.63
Calcium Chloride Fused Granular Size 2.0- (CaCl2)	500g	52-7428	3.86
Calcium Granules (Ca)	100g	52-7429	10.22
Calcium Granules (Ca)	25g	52-7430	3.92
Calcium Sulphate LR (Plaster of Paris)	5kg	52-7431	12.29
Ceramic Fibre Wool (Mineral Wool)	500g	52-7432	6.39
Citric Acid Crystals LR (HOC(COOH)(CH2COOH)2.H2O)	500g	52-7433	5.37
Citric Acid Crystals LR Un Nr (HOC(COOH)(CH2COOH)2.H2O)	3kg	52-7434	15.07
Copper (II) Carbonate Basic LR (Cupric Carbonate Basic)			
(CuCO3Cu(OH)2)	500g	52-7435	14.29
Copper (II) Carbonate Basic LR (Cupric Carbonate Basic)	050 :	F0 7400	
(CuCO3Cu(OH)2)	250g	52-7436	8.85
Copper (II) Carbonate Basic LR Un Nr (Cupric Carbonate	3ke	52-7437	67.52
Basic) (CuCO3Cu(OH)2)	3kg	02-1401	
Copper (2) Chloride	100g	52-7617	2.81
Copper (II) Chloride 2 Water LR (Cupric Chloride)(CuCl2.2H2O)	250g	52-7438	8.67
Copper (II) Oxide Powder LR (Cupric Oxide) (CuO)	500g	52-7439	15.49
Copper (II) Oxide Powder LR (Cupric Oxide) (CuO)	250g	52-7440	9.50
Copper (II) Sulphate 5 Water LR (Cupric Sulphate)(CuSO4.5H2O)	3kg	52-7441	18.89
	500g	52-7442	6.21
Copper (II) Sulphate 5 Water LR (Cupric Sulphate)			
(CuSO4.5H2O)	1kg	52-7443	8.99
Copper (II) Sulphate Anhydrous LR (Cupric Sulphate			
Anhydrous) (CuSO4)	250g	52-7444	10.42
Copper (II) Sulphate Anhydrous LR (Cupric Sulphate			
Anhydrous) (CuSO4)	500g	52-7445	18.18
Copper foil	100g	52-7619	5.16
Copper Foil 0.10mm LR (Cu)	250g	52-7619	13.73
Copper Foil 0.10mm LR (Cu)		52-7447	25.90
	500g		7.23
Copper Powder Precipitated (Cu)	100g	52-7448	
Copper Small Pieces (Cu)	500g	52-7449	19.10
Cresol red	5g	52-7591	4.22
Cyclohexane LR (C6H12)	500ml	52-7450	6.72
Cyclohexane LR (C6H12)	2.51	52-7451	21.27
Cyclohexene LR (Tetrahydrobenzene) (C6H10)	250ml	52-7452	12.90
Chemicals D			
1,6-Diaminohexane 5% Aqueous Solution	250ml	52-7453	7.74
1,6-Diaminohexane LR (Hexamethylenediamine)	25g	52-7454	6.81
(NH2(CH2)6NH2)			
2-6 Dichlorophenolindophenol (D.C.P.I.P.)	1g	52-7455	5.26
2-6 Dichlorophenolindophenol (D.C.P.I.P.)	5g	52-7456	20.44
2-6 Dichlorophenolindophenol Tablets (D.C.P.I.P.)	Pk of 10	52-7457	7.23
	10g	52-7592	5.34
Di(dodecanoyl)Peroxide/ Di-Lauroyl Peroxide			
Di(dodecanoyl)Peroxide/ Di-Lauroyl Peroxide Chemicals E			
Chemicals E	87.25g	52-7593	13.49
	87.25g 500ml	52-7593 52-7458	13.49 46.46

Potassium Bromide LR (KBr) Potassium Carbonate Anhydrous LR (K2CO3)	500g 500g	52-7519 52-7520	15.91 8.67	Subject to surcharge
Polyvinyl Alcohol (Ethenol) (CH2 CH0H)n	250ml	52-7518	11.47	Zinc Sulphate (ZnSO4.7H2O) Zinc-Powder LR (Zn)
(C6H4(OH)COOC6H5) Phosphoric acid	250ml	52-7603	4.39	Zinc Nitrate (Zn(N03)2.6H20) Zinc Sulphate (ZnS04.7H20)
Phenyl Salicylate LR (Salol / Phenyl-2-Hydroxybenzoate)	250g	52-7517	18.80	Zinc Oxide
Phenoiphitaleiii 1% Solution Phenylethene (Styrene)	250ml	52-7602	7.59	Zinc Foil (Zn) Zinc Granulated LR (Zn)
Phenolphthalein 1% Solution Phenolphthalein 1% Solution	500ml 100ml	52-7515 52-7516	2.48	Zinc Chloride
Phenol Red Indicator	5g	52-7601	4.78	Zinc Bromide
Chemicals P				Chemicals Z
Oil Crude Synthetic (CLEAPSE formulation) Orcein Acetic	500ml 100ml	52-7514 52-7600	9.00	Chemicals Y Yeast Dried Active 500g
Octan-1-ol Oil Crude Synthetic (CLEADSE formulation)	250ml	52-7599	10.12	Water Deionised (H2O)
Chemicals 0				Chemicals W
N-Hexane LR (Lq 1L) (CH3(CH2)4CH3)	500ml	52-7513	12.39	Chemicals V Vanadium Pentoxide (Vanadium V Oxide)
Chemicals N N-Hexane LR (Lq 1L) (CH3(CH2)4CH3)	100ml	52-7512	3.92	Universal Indicator Ph 4-11 Chemicals V
Methyl Salicylate (Oil of Wintergreen)	100ml	52-7598	4.71	Universal Indicator Ph 4-11
2-Methylpropan-1-ol (Isobutyl alcohol)	100ml	52-7585	2.48	Universal Indicator Ph 1- 14
Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)	2.51	52-7511	8.46	Chemicals U
Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H)	2.51	52-7510	8.47	Trypsin, From Beef Pancreas Trypsin, From Beef Pancreas
Methanoic Acid Methanoi LR (Methyl alcohol) (CH3OH)	250ml 500ml	52-7597 52-7509	3.10	Chemicals T
Methanol Methannoic Acid	100ml	52-7622	3.10	Sulphuric Acid 98% LR (H2SO4)
Marble Chips Medium - Large (CaCO3)	3kg	52-7508	7.23	Sulphuric Acid 98% LR (H2SO4)
Marble Chips 4-6mm (CaCO3)	3kg	52-7507	7.23	Sulphuric Acid 1M Standard Solution (H2SO4) Sulphuric Acid 2M Standard Solution (H2SO4)
Manganese (IV) Oxide - Powder (Manganese Dioxide) (MnO2)	500g	52-7506	13.93	Sucrose LR (Cane sugar) (C12H22O11) Sulphuric Acid 1M Standard Solution (H2SO4)
Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2)	100g 250g	52-7504 52-7505	11.56 8.25	Starch Soluble LR
Magnesium Sulphate 7-Water LR (MgS04.7H20)	1kg	52-7503	4.85	Sodium Thiosulphate 5-Water LR (Na2S203.5H:
Magnesium Ribbon LR (Mg)	25g	52-7502	4.23	Sodium Thiosulphate 5-Water LR (Na2S203.5H2
Magnesium Powder (Mg)	500g	52-7501	27.05	Sodium Tauroglycocholate (Bile Salts) Di-Sodium Tetraborate 10-Water LR (Borax) (Na2)
Chemicals M Magnesium Powder (Mg)	100g	52-7500	7.74	Sodium Molybdate Sodium Taurodycocholate (Rile Salts)
Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO)	1g	52-7499	10.53	Sodium Metabisulphite
Lithium Metal in Liquid Paraffin (Li)	10g	52-7498	15.49	Sodium Iodide LR (Nal)
Lithium Chloride Anhydrous LR (LiCl)	100g	52-7497	8.87	Sodium Hypochlorite Sol 10-14% (NaClO) Sodium Hypochlorite Sol 10-14% (NaClO)
Lipase Lipase	10g 25g	52-7495 52-7496	7.43	Sodium Hypochlorite Sol 10-14% (NaClO)
Lime Water (Calcium Hydroxide Solution)	2.5l	52-7494	6.72	Sodium Hypochlorite Solution
Lead Foil LR 0.5mm (Pb)	500g	52-7493	9.40	Sodium Hydroxide Pellets LR (NaOH)
Lead (II) Nitrate LR (Pb(N03)2)	500g	52-7492	13.52	Sodium Hydroxide Pellets LR (NaOH)
Lead (2) Nitrate	250g 250g	52-7621	9.89	Sodium Hydroxide 2M (2N) Standard Solution (I Sodium Hydroxide Pearl 98-100% LR (NaOH)
L-Ascorbic Acid (Vitamin C) (C6H8O6) Lead Carbonate	100g 250g	52-7491 52-7596	10.02	Sodium Hydroxide 1.0M (1N) (NaOH)
Chemicals L	1004	E9 7404	5.62	Sodium Hydroxide 0.1M (0.1N) Standard Solution
Isoamyl (Isopentyl) Alcohol	200ml	52-7613	4.39	Di-Sodium Hydrogen Phosphate (V)-12-Water, (Na2
Iron-Powder, Reduced By Hydrogen (Fe)	500g	52-7490	16.11	Sodium Hydrogen Carbonate LR (Sodium bicarbona
Iron-Filings Fine (Fe)	3kg	52-7489	10.32	Sodium Hydrogen Carbonate LR (Sodium bicarbona
Iron Filings Fine (Fe)	500g	52-7486	3.61	Sodium Hydrogen Carbonate LR (Sodium bicarbona
Iron-Filings Coarse (Fe)	3kg	52-7488	10.32	Sodium Chloride LR (NaCl) Sodium Chloride Native Rock Salt (NaCl)
Iron-Filings Coarse (Fe)	500g	52-7487	3.61	Sodium Chloride LR (NaCl)
Iron (III) Nitrate 9 - Water LR (Ferric Nitrate) (Fe(NO3)3.9H20) Iron (III) Oxide Calcined LR (Ferric Oxide) (Fe2O3)	500g	52-7484 52-7485	10.89 5.06	Sodium Chloride LR (NaCl)
Iron (3) Nitrate	250g	52-7620	6.20	Sodium Carbonate Anhydrous LR (Na2CO3)
Iron (II) Sulphate 7-Water LR (Ferrous Sulphate) (FeSO4.7H2O)	500g	52-7483	11.01	Sodium Carbonate Anhydrous LR (Na2CO3)
1-lodobutane LR (Butyl lodide) (CH3(CH2)3I)	25ml	52-7482	13.42	Sodium Carbonate Anhydrous LR (Na2CO3)
lodine Solution with 1% Potassium lodide	500ml	52-7481	4.96	Sodium Alginate
lodine Resublimed LR (I2)	100g	52-7480	15.49	Silver Nitrate LR (AgNO3) Sodium Acetate 3-Water LR (Sodium Ethanoate) (CH
Chemicals I	<u></u>	32.1413	1.43	Silver Nitrate LR (AgNO3)
Hydrogen Peroxide 100 Volume (H202) Hydrogen Peroxide 20 Volume (H202)	2l 2l	52-7478 52-7479	7.43	Silicone Gease
Hydrogen Peroxide 100 Volume (H202)	1	52-7477	5.68	Sebacoyl Chloride 5% in Cyclohexane (C10H160
Hydrogen Peroxide 100 Volume (H202)	500ml	52-7476	4.59	Schiff's Aldehyde Testing Reagent
Hydrochloric Acid 36% LR (HCI)	2.51	52-7475	10.42	Acid Washed Sand
Hydrochloric Acid 36% LR (HCI)	11	52-7474	5.63	Salicylic Acid LR (2-Hydroxybenzoic acid) (C6H4 Salicylic Acid LR (2-Hydroxybenzoic acid) (C6H4
Hydrochloric Acid 2M (2N) Standard Solution (HCl) Hydrochloric Acid 36% AR (HCl)	2.5l 1l	52-7472 52-7473	6.21	Chemicals S
Hydrochloric Acid 2M (2N) Standard Solution (HCl)	11	52-7471	5.06	Propionic Acid LR (Propanoic acid) (CH3CH2CO
Hydrochloric Acid 1M (N) Standard Solution (HCl)	2.51	52-7470	9.91	Propionaldehyde
Hydrochloric Acid 1M (N) Standard Solution (HCl)	11	52-7469	5.06	Propanoic Acid
Hydrochloric Acid 0.1M (0.1N) Standard Solution (HCl)	2.51	52-7468	8.05	Propan-1-ol LR (1L) (n-Propyl alcohol) (CH3CH2 Propan-1-ol LR (Lq 1L) (n-Propyl alcohol) (CH3CH2
CH20H) Chemicals H				Propan-2-ol LR (Lq 1L) (iso-Propyl alcohol) ((CH
Glycerol (Glycerine) LR (Propane-1,2,3-Triol) (HOCH2CH(OH)	2.51	52-7467	25.81	Propan-2-ol LR (Lq 1L) (iso-Propyl alcohol) ((CH
CH20H)	500ml	52-7466	9.28	Potassium Nitrate LR (KNO3)
D-Glucose Monohydrate LR (Dextrose) (C6H12O6) Glycerol (Glycerine) LR (Propane-1,2,3-Triol) (HOCH2CH(OH)	500g			Potassium Nitrate
D-Glucose Anhydrous LR (Dextrose) (C6H1206)	500g	52-7464 52-7465	5.37 4.03	Potassium Manganate (VII) LR (Potassium permanga Potassium Manganate (VII) LR (Potassium permanga
D (+) Galactose Anhydrous LR (C6H12O6)	25g	52-7463	9.81	Potassium Iodide LR (KI)
Chemicals G				Potassium Iodide LR (KI)
Formaldehyde (Methanal) LR (LQ 5L) UN2209, Solution, 8, III	100ml	52-7622	1.63	Potassium Dihydrogen Phosphate (V) LR (KH2PC
Fehling's Solution No 2 D (-) Fructose (D-Laevulose) (C6H12O6)	500ml 100g	52-7461 52-7462	3.61	Potassium Chloride LR (KCI) Potassium Dihydrogen Phosphate
Fehling's Solution No 1	500ml	52-7460	4.13	Potassium Chlorate (V) LR (KClO3)
Chemicals F				Potassium Chlorate

	100g	52-7623 52-7521	4.39
	500g 500g	52-7522	6.39
	250g	52-7624	3.27
	500g	52-7523	7.23
Potassium Iodide LR (KI)	100g	52-7524	11.46
	500g	52-7525	47.49
	500g	52-7526	8.15
	1kg 250g	52-7527 52-7625	13.73 2.81
	500g	52-7528	5.47
	500ml	52-7529	4.96
Propan-2-ol LR (Lq 1L) (iso-Propyl alcohol) ((CH3)2CH0H)	2.51	52-7530	13.42
1 17 17 17	500ml	52-7531	5.79
4 1 (4)(4)	2.5l 250ml	52-7532 52-7626	16.52 4.67
	100ml	52-7624	7.02
	500ml	52-7533	9.70
Chemicals S			
Salicylic Acid LR (2-Hydroxybenzoic acid) (C6H4OHCOOH)	100g	52-7534	5.74
	500g	52-7535	20.02
	1kg	52-7536	4.75
	500ml 100ml	52-7605	8.60
	50g	52-7537 52-7606	8.25 11.19
	25g	52-7538	37.16
	100g		139.3
Sodium Acetate 3-Water LR (Sodium Ethanoate) (CH3C00Na.3H20)		52-7540	6.21
	25g	52-7541	4.34
	500g	52-7542	3.10
	1kg	52-7543	4.54
	3kg 500g	52-7544 52-7545	8.99 2.59
	1kg	52-7546	3.52
	3kg	52-7547	4.85
	1kg	52-7548	3.61
Sodium Hydrogen Carbonate LR (Sodium bicarbonate) (NaHCO3)	500g	52-7549	3.10
	1kg	52-7550	4.23
	3kg	52-7551	8.87
	500g 2.5l	52-7552 52-7553	7.63
	2.51	52-7554	9.28
	2.51	52-7555	9.91
	500g	52-7556	5.17
Sodium Hydroxide Pellets LR (NaOH)	500g	52-7557	6.39
	1kg	52-7558	10.02
	250ml	52-7627	2.03
	500ml 1l	52-7559 52-7560	4.96 5.74
	2.51	52-7561	11.47
	100g	52-7562	10.84
	250g	52-7607	2.03
Sodium Molybdate	50g	52-7608	25.31
	25g	52-7563	12.50
	500g	52-7564	5.06
	3kg 500g	52-7565 52-7566	3.92
	500g	52-7567	5.79
	500g	52-7568	3.92
	11	52-7569	5.58
Sulphuric Acid 2M Standard Solution (H2SO4)	11	52-7570	5.79
	11	52-7571	7.85
	2.51	52-7572	16.94
Chemicals T	104	52-7573	15 40
Truncin From Doof Danorose	10g	32-1313	15.49 31.78
	25ø	52-7574	
Trypsin, From Beef Pancreas	25g	52-7574	31.70
Trypsin, From Beef Pancreas Chemicals U	25g 500ml	52-7574 52-7575	
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14			
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11	500ml	52-7575	10.84
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V	500ml 500ml 100ml	52-7575 52-7576 52-7577	10.8 ⁴ 5.47 3.10
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide)	500ml 500ml	52-7575 52-7576	10.8 ⁴ 5.47 3.10
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W	500ml 500ml 100ml 50g	52-7575 52-7576 52-7577 52-7609	10.8 ⁴ 5.47 3.10
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W	500ml 500ml 100ml	52-7575 52-7576 52-7577	10.84 5.47 3.10
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H2O) Chemicals Y	500ml 500ml 100ml 50g	52-7575 52-7576 52-7577 52-7609	10.84 5.47 3.10
Inypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H2O) Chemicals Y Yeast Dried Active 500g Chemicals Z	500ml 500ml 100ml 50g 25l	52-7575 52-7576 52-7577 52-7609 52-7578	10.8 ⁴ 5.47 3.10 11.81 24.10
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H2O) Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide	500ml 500ml 100ml 50g 25l 500g	52-7575 52-7576 52-7577 52-7609 52-7578 52-7579	10.84 5.47 3.10 11.81 24.10 9.28
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Delonised (H2O) Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride	500ml 500ml 100ml 50g 25l 500g 100g 200g	52-7575 52-7576 52-7577 52-7609 52-7578 52-7579 52-7610 52-7610 52-7612	10.84 5.47 3.10 11.81 24.10 9.28 17.94 2.92
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H2O) Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride Zinc Foil (Zn)	500ml 500ml 100ml 50g 25l 500g 100g 200g 250g	52-7575 52-7576 52-7577 52-7609 52-7578 52-7579 52-7610 52-7612 52-7580	10.84 5.47 3.10 11.81 24.10 9.28 17.94 2.92 12.39
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H20) Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride Zinc Foil (Zn) Zinc Granulated LR (Zn)	500ml 500ml 100ml 50g 25l 500g 100g 200g 250g 500g	52-7575 52-7576 52-7577 52-7609 52-7578 52-7579 52-7610 52-7612 52-7580 52-7581	10.84 5.47 3.10 11.81 24.10 9.28 17.94 2.92 12.39 16.31
Inypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H2O) Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride Zinc Chloride Zinc Granulated LR (Zn) Zinc Granulated LR (Zn) Zinc Oxide	500ml 500ml 100ml 50g 25l 500g 100g 200g 250g	52-7575 52-7576 52-7577 52-7609 52-7578 52-7579 52-7610 52-7612 52-7580	10.84 5.47 3.10 11.81 24.10 9.28 17.94 2.92 12.39 16.31 4.27
Trypsin, From Beef Pancreas Chemicals U Universal Indicator Ph 1- 14 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Universal Indicator Ph 4-11 Chemicals V Vanadium Pentoxide (Vanadium V Oxide) Chemicals W Water Deionised (H2O) Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride Zinc Choride Zinc Granulated LR (Zn) Zinc Granulated LR (Zn) Zinc Oxide Zinc Nitrate (Zn(NO3)2.6H2O)	500ml 500ml 100ml 50g 25l 500g 100g 200g 250g 500g 250g	52-7575 52-7576 52-7577 52-7609 52-7578 52-7579 52-7579 52-7610 52-7612 52-7580 52-7581 52-7581	10.84 5.47 3.10 11.81 24.10 9.28 17.94 2.92 12.39 16.31

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=Rapid

Chemicals

₹RVFM

Nutrient Agar

Nutrient agar is a general purpose growth medium suitable for use in a range of biological experiments. Use 28g powder to 1 litre deionised water. Leave for 10 minutes, swirl and sterilise for 15 minutes at 121°C. Cool to 47°C, mix well then pour into plates or petri dishes.



Supplied in 100g packs

100g	52-2601 13.0	7
		550540

₹RVFM

Protactinium Generator

This **Protactinium** generator is ideal for demonstrating radioactive decay. The half-life of the isotope is short enough for students to complete the decay curve within a single lesson and is perfect for use with a datalogger and GM tube sensor or a standard GM





tube and counter. The generator is completely sealed in a leakproof enclosure and consists of uranyl nitrate and an organic solvent. These settle into two distinct layers but when shaken together react and produce a short term burst of Beta radiation with a half-life of about 1 minute.

- Supplied complete with MSDS
- Recommended storage period up to 8 years
- Bottle dimensions 120 x 70 x 70mm

Bottle dimensions	Order code 1+	
120 x 70 x 70mm	52-2704 266.90	
		EEGege

■RVFM Radioactive Source Chemicals



These radioactive chemicals can be used for studies into radiation in nuclear and atomic physics.

Туре	Order code 1+
Americium 241	52-2701 695.00
Cobalt 60	52-2702 695.00
Strontium 90	52-2703 695.00

Free Delivery*

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🙉 daydream

Periodic Table Wall Chart



This colour coded periodic table shows all of the known elements in order of their atomic number.

- 841 x 594mm
- Suitable for Key Stages 2 & 3 (ages 7 to 14)

Туре	Order code	1+	
Periodic table	06-5638	2.99	

Classifying Materials

₹RVFM

Density Identification Set

This set consists of specimens of 15 different types of materials. Its aim is to challenge students to identify materials by measuring their mass, length and volume to determine their density.



- Sturdy storage base
- 1 sample each of: walnut, oak, maple, polypropylene, polyethylene, polyamide, acrylic, polyurethane, phenolic, polyvinylchloride (PVC), acetyl, teflon, aluminium, brass and copper
- Samples are stamped with a letter code for easy identification
- Instructions included

Type	Order code	1+	
Density ID set	06-2164	22.81	
			538889

eisco

Solid Materials Set



A selection of materials in the form of rectangular blocks, intended to familiarize students with the appearance, feel, texture, hardness and density of a range of common

- Blocks, 50 x 40 x 30mm: softwood, hardwood, paraffin wax, aluminium, iron, foamed polystyrene
- Blocks, 20 x 20 x 100mm: Perspex, glass, slate, aluminium, softwood, marble

- Lead 50 x 50 x 20mm
- Aluminium 50 x 50 x 80mm
- Hardwood 50 x 50 x 200mm
- Brass 20 x 20 x 50mm
- Iron 40 x 40 x 20mm
- . Supplied as a set of 34 blocks, 2 of each material
- Eisco type PH0114

Туре	Order code	1+	
Materials set	52-3346	83.58	
			565535

TRVFM

Mole Set

The four specimens in this set will help explain to students the concept of mole.

The Mole Set contains four element specimens:



- Helps to explain the concept of mole
- Each sample contains 1 mole (6.02 x 1023 atoms) · Set contains specimens of Copper, Iron, Zinc and

Туре	(Order code	1+		
Mole	set 0	06-2161	14.19		



12-Piece Science Metal Strips Set



This 12-piece metal strip set includes a strip of each of aluminium, brass, copper, bronze, nickel, mild steel, galvanized iron, magnetic and non-magnetic stainless steel, zinc, chrome and lead.

- · All strips are marked with a letter to identify each metal - see Technical Details
- Ideal for experiments to demonstrate magnetic properties and classifications of metals
- Strip size: 50 x 25mm
- Supplied as a set of 12 strips

Code letter	Metal	Code letter	Metal
A	Aluminium	G	Galvanized iron
В	Brass	Н	Stainless steel - non-magnetic
С	Copper	1	Stainless steel - magnetic
D	Bronze	J	Zinc
E	Nickel	K	Chrome
F	Mild steel	L	Lead

Metal strip set **06-0595** 5.83

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molymod®

=Rapid

Molecular Model Sets Inorganic-Organic



Molymod Molecular Model Sets are the original dual-scale, quality system of molecular and atomic models.

Scales: Open/Ball & stick models: 2.5cm/Angstrom, Closed/semi-space filling models: 1.5cm/Angstrom

Atom-parts: range from 17 to 23mm in diameter.

Bonds: Single bonds are represented by medium links (19mm) and multiple bonds by longer, flexible links (30mm). For compact models, bonds are represented by short links (2mm).

Valence: Represented by the number of holes: 1 hole (I), 2 holes (II), 3 holes (III), 4 holes (IV), 5 holes (IV), 6 holes (VI)

- Inorganic Organic sets
- Available as teacher and student sets
- Teacher Set contains 108 atoms: 14 Hydrogen (I, II), 20 Carbon (IV, V), 22 Oxygen (II, IV), 10 Nitrogen (III, IV), 13 Sulphur (II, IV, VI), 7 Phosphorus (III, IV, V,), 8 Halogen (I), 14 Metal (I, II, III, IV, VI), 18 Lone pair 2D paddles (6 pink, 6 purple, 6 beige) Links: 38 Medium grey, 12 medium purple, 36 Long flexible
- Student set contains 52 atoms: 14 Hydrogen (I), 6 Carbon (IV), 7 Oxygen (II, IV), 3 Nitrogen (III, IV), 2 Sulphur (II, VI), 2 Phosphorus (III, V), 6 Halogen (I), 8 Metal (I, II, III, IV, VI), 4 Brown (III, IV, V, VI), 3 Lone pair 2D paddles (beige) Links: 20 Medium grey, 5 Medium purple,12 Long flexible

Important notice: These products are designed for educational use and are only suitable for students 12 years and over.

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

Order code	1+	
52-0474	26.41	
52-0475	13.24	
	52-0474	02 0111 20112



LED Pack

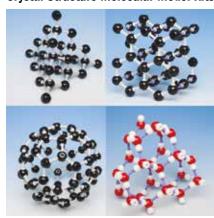
Only

Order code 13-0122

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molymod®

Crystal Structure Molecular Model Kits



A range of Molymod Molecular Model Sets showing the structure of various crystaline substances.

Scales: Open / Ball & stick models: 2.5cm / Angstrom, Closed / semi-space filling models: 1.5cm / Angstrom

Atom-parts: range from 17 to 23mm in diameter.

Bonds: Single bonds are represented by medium links (19mm) and multiple bonds by longer, flexible links (30mm). For compact models, bonds are represented by short links (2mm).

Valence: Represented by the number of holes: 1 hole (I), 2 holes (II), 3 holes (III), 4 holes (IV), 5 holes (IV), 6 holes (VI)

Kits available:

- Diamond 30 atoms
- Graphite 45 atoms
- Ice 26 water units
- Supplied singly

Туре	Order code	: 1+
Diamond	52-0476	9.30
Graphite	52-0477	11.36
Ice 26 water units	52-0479	14.07



Cochranes of Oxford

Minit Proview Model Graphite Kit - 350 Atoms



This skeletal Graphite model is particularly suitable for showing the nature of the solid as it is effectively transparent in depth.

The Graphite model is supplied with full instructions and a work card that discusses the nature of the bonding, crystal structure, growth and physical properties.

- Provides 30 / 60 minutes of self-tuition
- . Shape: 4 layers to represent flake
- Atoms: 350
- Cochranes type 0088



Cochranes of Oxford

Minit Proview Model Ice Kit - 420 Atoms

A skeletal Ice model particularly suitable for showing the nature of the solid, being transparent in depth.

The model comes with full instructions and a work card discussing the nature of the bonding, crystal structure, growth and physical properties of ice.



- Gives between 30 and 60 minutes of self-tuition
- . Shape: extended prism to represent snowflake
- 420 atoms
- Cochranes type 0093

Туре	Order code	1+		
Ice model	52-7107	30.27		
				5263

Vacuum Pumps

₹RVFM

Hand Vacuum Pump

This portable, hand operated vacuum pump will create and hold a vacuum up to approximately 170m bar/625 mm Hg.



- · Made from high impact polystyrene Nozzle accepts 6mm bore tubing
- Complete with vacuum gauge and release valve
- Pumping rate: 16cc per stroke

-			55060
16cc per stroke	52-2680	139.99	
Pump rate	Order code	1+	

Kipps Apparatus

■RVFM

Kipp's Apparatus

A 3-chamber Kipp's Apparatus set made of unbreakable polyethylene.

- Top has thistle funnel and bulb structure though which dilute acid can be poured
- Acid reacts with a metal sulphide in the base
- H2S gas collects in the middle dome where it can be released via a PTFE stop cock
- Lower chamber has outlet with cap for cleaning
- · High density polyethylene (HDPE) construction
- 500ml capacity





We bring STEM to life



16

Electrolysis



Hoffman's Complete Electrolysis Apparatus

Hoffman's apparatus is used for demonstrating the decomposition of water, determination of chemical composition by electrolysis and has applications in the evaluation of the electrochemical equivalent of hydrogen.

The glass unit has two connected limbs, each of approximately 50ml capacity (graduated 2 to 50ml), integral reservoir tube and funnel-shaped bulb, with a PTFE stopcock at the top of each limb.

- Supplied with 2 carbon and 2 platinum electrodes
- Requires a 12V DC power supply
- Must be set up vertically using a clamp and stand (sold separately)
- · Chemicals required: water, molar sodium, or potassium sulphate or sulphuric acid
- Eisco type CH0740B

Stand sold separately

Туре	Order code	1+	
Hoffmans apparatus	52-3343	57.78	
Support stand	52-3437	12.49	
			565532



Brownlee Water Electrolysis Apparatus

Brownlee's Water Electrolysis Apparatus is used to demonstrate that electrically conductive liquids can be decomposed and resolved into their constituent elements by means of a unidirectional electric current. The



gaseous components formed by this method can be trapped and their relative volumes estimated.

The apparatus consists of a support which rests on a 1 litre beaker or jar and has two clips that each hold an inverted test tube. Platinum electrodes are positioned under the inverted test tubes and are attached to insulated connecting rods which are attached to binding posts mounted on the support. When the beaker is filled with a water-based solution and a direct current is passed between the electrodes, gases will begin to collect in the inverted

• Requires a 1 litre beaker or jar, 6V battery or 10V DC power supply (not included)

Includes:

- 1x apparatus
- 2x corks
- 2x inverted test tubes
- · Includes full instruction manual
- Eisco type PH0941B

Note: battery, power supply and battery jar are not included.

Туре	Order code 1+
Brownlee water electrolysis apparatus	52-3604 27.16
	E6E642

₹RVFM

Brass Sheets

Economical brass sheets. ideal for cutting, shaping and bending.

- Superb rich brass finish
- 0.1mm thick sheets

Туре	Order code	1+		
A4	06-0744	3.90		
A3	06-0746	6.40		

■RVFM Copper Sheets

These economical 0.1mm thick copper sheets are perfect for embossing, bending and cutting



Basic Design & Technology and Science resource

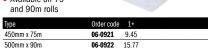
Туре	Order code	1+	
A4	06-0752	4.86	
A3	06-0754	6.40	

₹RVFM

Aluminium Foil

Food grade Aluminium Foil ideal for cookery as well as experiments with metal.



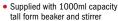


Charles Law

eisco

Charles Law Apparatus

This apparatus from Eisco has been designed to demonstrate Charles's Law that in a gas under constant pressure, the volume is proportional to the absolute temperature.The apparatus includes a U-shaped glass 15mm in diameter with one plain limb 220mm long, one 120mm graduated limb terminating in a 37mm diameter bulb with a third limb, jointed at right angles to the other two. A short length of rubber tubing with two pinch clips on a length of glass tubing is mounted at the end of one limb with a rubber bung.



- All glass parts made from borosilicate glass
- Manufacturer's part PH0422

Туре	Order code	1+	
Charles Law Apparatus	52-4091	19.84	

Thermometers

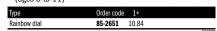
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Rainbow Dial Thermometer

White 300mm diameter rainbow dial thermometer with black temperature scale.

- · Moulded in a plastic window for safety
- · Suitable for outside and patio use
- · Ideal for primary school use • Suitable for Key Stages 1 & 2 (ages 5 to 11)





General Purpose Glass Thermometers

A 305mm, general-purpose glass thermometer with red

- Scaling from -10°C to +110°C in 1°C steps
- Can measure both the freezing and the boiling points of water, etc.
- · Fitted with hanging hook/anti roll device
- Calibration is correct when immersed 76mm into liquid

	Туре	Order code	1+	
	305mm thermometer	87-4308	3.70	
ı				06061



Breaksafe Thermometer

47.5 4.4 5 5.4 5 5 6 6 6 6 6

This breaksafe safety coated thermometer is encapsulated in PVC to contain any glass or filling material in event of breakage.

- Available in a range of -10 +110°C
- Clear permanent markings
- Green filled
- Partial immersion
- Length 200mm

Туре	Order code	1+	
Breaksafe thermometer	85-2655	5.69	
			07300



Green Fill Laboratory Thermometers

These green fill laboratory thermometers are a safe alternative to traditional mercury filling.

- Moulded glass triangular top to prevent rolling
- · Available in 150mm, 200mm and 300mm lengths • 150mm thermometer is available in total immersion and the 200mm and 300mm thermometers are available
- \bullet Temperature range –10 to +110 $^{\circ}\text{C}$
- in partial immersion Clear permanent markings

Туре	Order code	1+	
150mm	85-2652	1.48	
200mm	85-2653	1.55	
300mm	85-2654	1.60	_
		07:	29



=Rapid

Classroom Thermometer

This oversized **thermometer** features a large, accurate 30cm glass magnifying tube, giving the current temperature in both Centigrade and Fahrenheit. Ideal for use in the classroom

- Kerosene filled
- Range -40° to +50°C (-40° to +120°F)
- Length: 380mm



Length	Order code	1+	
380mm	06-9963	4.07	
	•		563492

VOLTCRAFT

LCD Digital Thermometer and Clock





The Voltcraft LCD digital thermometer and clock has an extended temperature range up to 110°C for many ranges for temperature monitoring.

There are two limit values that can be pre-adjusted, and when this value is reached, a switch output and an alarm output are activated.

Also available is a replacement NTC temperature probe that features a -10°C to +110°C range and 3m lead.

- Temperature range -10°C to +110°C
- Accuracy: ±1°C
- . Measurement rate: 1 or 10 secs
- Temperature resolution: 0.1°C
- Digit height: 13mm
- . Operating voltage: 1x AA batteries
- Dimensions: 68(W) x 35(H) x 24(D)mm

Please Note: Requires 1x AA battery (not supplied).

Technical specification

Order code 13mm 68 x 35 x 24mm -10°C to +110°C Digit height Dimensions W x H x D Measurement range - temperature Measurement rate 1 or 10 secs Temperature resolution

Туре	Order code	1+	
Digital Thermometer	51-5169	14.31	
Temperature probe	52-0919	5.11	
			525180

Order online

Save time, and place your order at: www.rapidonline.com

VOLTCRAFT

DET3R Penetration Thermometer

The Voltcraft DET3R is a penetration thermometer that is ideal for measurements in the food industry, butcheries, food testing laboratories and for health inspectors. Having a waterproof casing makes it suitable for use in liquids. The simple and quick execution of zero balance in ice water ensures higher accuracy for longer

- Min/Max Hold Memory with dynamic update
- C/F switch
- T90 Measure time approx. 8 seconds
- Auto-switch-off
- Continuous measurement function
- Measuring range -40°C to +250°C Waterproof as per the IPx7 standard
- High accuracy by simple calibration in ice water
- Supplied with Voltcraft DET3R penetration thermometer, protection cap with clip, 1x LR1 battery and user manual.

Protection cap with clip, 1x LR1 battery, user manual

Technical specification

Sensor type Temperature range Penetration senso -40°C to +250°C 0.1°C ±0.5C Resolution Basic accuracy Sensor length 105 mm Dimensions L x W 218 x 25mm Power supply Weight 1x I R44

Туре	Order code	1+	
Voltcraft DET3R	51-5210	20.04	
			525221

VOLTCRAFT

IR 110-1S Infrared Thermometer

The Voltcraft IR-110-1S mini infrared thermometer is intended for noncontact measuring of temperatures of -33°C to +110°C. The IR-110-1S can also be used as a clock or a stopwatch. It is not suitable for industrial or medical use. The product is powered by a CR2032 battery.

- . Small, convenient and accurate
- The ideal companion with a wide variety of optional features
- Min/ Max function
- Automatic power off after 15 seconds
- Duration measuring activated
- Integrated clock
- Stopwatch
- Display of the room temperature
- Switchable between C and F
- Optics 1:1
- Measuring range -30°C to +110°C
- Integrated stopwatch

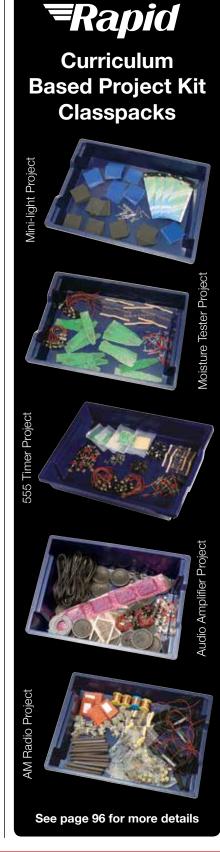
Lithium battery (CR2032), Manual.

Please Note: Use only in a dry indoor environment. Please Note: It is not suitable for industrial or medical use

Technical specification

Order code 51-5190 Accuracy Dimensions W x H x D ±2.5°C or 2.5% 33 x 73 x 14mm Emissivity Measurement range - temperature 0.95 fix -33°C to +110°C 1/1 Pick-up time Power supply Operating temperature <1 secs Lithium Battery CR2032 0°C to +50°C Battery life 40 hours in continuous operation. Temperature resolution Weight

Туре	Order code	1+	
Voltcraft IR 110-1S	51-5190	16.00	
			525201



16

Measuring Scales & Balances

KERN

School Scales



These scales are ideal for general purpose weighing in laboratory environments through to quality control applications.

- . Only two function keys
- Very easy to use
- Large 16mm LCD display
- Adjustment program CAL
- Battery powered (supplied) or by optional AC/DC power
- Impact resistant ABS case with non-slip rubber feet
- Splash-proof membrane keypad

Tochnical enocification

iecinicai specificati	UII		
Kern No. Readout	EMB 200-2 0.01g	EMB 2200-0 1g	EMB 5.2K5 5g
Weigh range	200g	2,200g	5,200g
Stabilisation	2 to 3 secs	2 to 3 secs	2 to 3 secs
Auto-off (batt)	After 3 mins	After 3 mins	After 3 mins
Operating temp	0°C to +40°C	0°C to +40°C	0°C to +40°C
Battery supply	1x 9V	2x AA	2x AA
Mains adaptor	85-1681	85-1681	85-1681
Dimensions (mm)	170(W) x 240(D)	170(W) x 240(D)	170(W) x 240(D)
	x 39(H)	x 39(H)	x 39(H)
Weight approx.	600g	600g	600g
Order code	85-2356	85-2358	85-2359
Kern No.	EMB 500-1	EMB 5.2K1	
Readout	0.1	1	
Weigh range	500g	5200	
Stabilisation	2 to 3 secs	2 to 3 secs	
Auto-off (batt)	After 3 mins	After 3 mins	
Operating temp	+5°C to +35°C	+5°C to +35°C	
Battery supply	1x 9V	1x 9V	
Mains adaptor	85-1681	85-1681	
Dimensions (mm)	170(W) x 240(D)	170(W) x 240(D)	
	x 38(H)	x 38(H)	
Weight approx.	0.5kg	0.5kg	
Order code	85-3436	85-3437	

Туре	Order code	1+
EMB 200-2 Scales	85-2356	112.18
EMB 2200-0 Scales	85-2358	51.16
EMB 5.2K5 Scales	85-2359	31.50
EMB 500-1 Scales	85-3436	49.36
EMB 5.2K1 Scales	85-3437	52.50

5mm 2.2V **Red LED** pack of 100 Tru pto Only **Page 126**

KERN

440-35N Precision Balance 400g



This is the ideal entry-level model for all laboratory

- Excellent value for money in this performance class
- Many multiple functions are at users disposal
- Can be used for parts counting and also for weighing different mixtures
- · Data transfer to printer or PC function
- Four function keys
- · Protective working cover as standard
- . Includes test weight, DKD approved
- Supplied with an AC/DC mains power adaptor

Technical specification

Kern part No. 440-35N Readout 0.01g Weighing range 400g Stabilisation time Auto-off function (batt. mode) 3 seconds After 3 minutes Operating temperature +10°C to +40°C 165(W) x 230(D) x 80(H) mm Weight approx

Туре	Order code	1+	
440 35N Scales	85-2361	288.75	
			071956

medline

White Diamond Square Weighing Dishes



These Medline 'White Diamond' weighing dishes are made of white, translucent polystyrene and are easily bent into pouring spouts for non-spill transfer of liquids. They are biologically inert, contaminant-free and are resistant to diluted acids, aqueous solutions, alcohols and bases.

- Suitable for microwave
- Will withstand temperatures from -10 to +80°C
- Not antistatic
- 5ml size are supplied in packs of 250
- 30ml size are supplied in packs of 500
- Medline types 1911103 (5ml) and 1911104 (30ml)

Technical specification Nominal capacity

41 x 41 x 8mm

Туре	Order code	1+	
5ml (250)	85-2366	2.78	
30ml (500)	85-2349	8.89	
			500328

No minimum order value UK mainland only

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on all orders over £30 (excl. VAT) (UK mainland only)

* See Terms & Conditions for full details - www.rapidonline.com/terms

SALTER

Electronic Disc Kitchen Scale



The Salter Disc Scale's Add & Weigh function allows you to measure multiple ingredients in the same bowl - saving you

- . Weigh ingredients directly onto the scale or use your own bowl
- Switch between g/kg and oz./lb
- · Easy to read LCD display
- Compact slim design for easy storage
- Contemporary design
- Capacity: 5kg/11lb
- Resolution 1g/0.1oz.
- Powered by a single Lithium CR2032 battery (included)
- Manufacturer's 15-year guarantee
- Salter model 1036 BKSSDR

Туре	Order code	1+	
Salter disc scale	52-7245	12.09	
			300580



FX-991EX-S-UH **Advanced Scientific** Calculator CASIO

Only

Order code 25-0316 Page 305