ROWE
SCIENTIFIC
PTY. LTD.
www.rowe.com.au

VINTAGE 2019-20
WINERY & BEVERAGE SCIENCES
LABORATORY PRODUCTS EDITION 15

CONTENTS

EDITORS:
Doug McPhee
Daniel Spano

ROWE SCIENTIFIC PTY LTD ABN 63 009 437 790

CHEMICALS

A

CODE	DESCRIPTION	PACK SIZE	
CA5530	Acetaldehyde LR	500mL	
CA0080	Acetaldehyde 1% Solution for Ascorbic Acid Analysis	500mL	
CA1215	Acetic Acid Glacial AR	2.5L	
CA1452	Acetone GLR	2.5L	
CA2281	Agar WL Nutrient	500g	
CA1107	Anti-Bumping Granules (Fused Alumina) small 1-3mm	250g	
CA2105	Antifoam Dow® Corning 1410	500mL	
CA4705	Ascorbic Acid (L+) AR	500g	

B

CODE	DESCRIPTION	PACK SIZE	
CB2690	Buffer pH 4.00 (Colourless) NIST Traceable, In Contamination Proof Bottle	500mL	
CB0014	Buffer pH 4.00 (Colourless)	1L	
CB2660	Buffer pH 4.00 (Red) Solution NIST Traceable, In Contamination Proof Bottle	500mL	
CB3118	Buffer pH 7.00 (Colourless) NIST Traceable, In Contamination Proof Bottle	500mL	
CB0015	Buffer pH 7.00 (Colourless)	1L	
CB3115	Buffer pH 7.00 (Green) Solution NIST Traceable, In Contamination Proof Bottle	500mL	
CB3515	Buffer pH 10.00 (Blue) Solution NIST Traceable, In Contamination Proof Bottle	500mL	

C

CODE	DESCRIPTION	PACK	
CC1740	Caesium Chloride AR	100g	
CC1561	Charcoal Activated Powder LR	500g	
CC0048	Citric Acid Anhydrous Food Grade, Conforms To BP/FCC	500g	
IC19548	Conductivity Solution (0.01M KCl) (1.413mS/cm @ 25C)	1L	
IC1956	Conductivity Solution (0.02M KCl) (2.76mS/cm @ 25C)	1L	
IC1957	Conductivity Solution (0.10M KCl) (12.900mS/cm @ 25C)	1L	
CC5734	Copper (II) Sulfate Pentahydrate AR	500g	
CC0082	Copper (II) Sulfate Pentahydrate AR	500g	
CC5737	Copper (II) Sulfate Pentahydrate AR	5kg	
CC5701	Copper (II) Sulfate Pentahydrate AR	5kg	
CC5851	Copper (II) Sulfate Pentahydrate Technical	5kg	
CC5785	Copper Sulfate Pentahydrate Food Grade	5kg	

D

CODE	DESCRIPTION	PACK SIZE	
CD1211	Dichlorophenol (2,6-) Indophenol Sodium Salt	10g	
CD2400	Distilled (Demin) Water	20L	

DETERGENTS

CODE	DESCRIPTION	PACK	
CQ1050	Quantumclean Laboratory Detergent	5L	
CE2104	Extran MA 05 Phosphate Free	5L	
CE2062	Extran MA 02 Neutral	5L	
CD1240	Decon 90® Detergent	5L	
CD1430	Detergent Pyroneg Powder 3 x 3kg	9kg	

CHEMICALS

E

CODE	DESCRIPTION	PACK SIZE	
CP1015	pH Electrode Storage Solution (Colourless)	250mL	
CF1040	Electrode Cleaning Solution	500mL	
CE1591	Ethanol 70% GLR in Black Plastic Drum (Needs Licence)	20L	
CE1668	Ethanol 95% AR (Needs Licence) (Plastic Container)	2.5L	
CE1665	Ethanol 95% AR (Needs Licence) (Glass Bottle)	2.5L	
CE1616	Ethanol Absolute (Needs Licence)	2.5L	
CE0013	Ethanol Absolute Reagent Grade ACS ISO (No Licence required)	2.5L	
CE0007	Ethanol Standard 10% ± 0.1% With Certificate	500mL	
CE0008	Ethanol Standard 12% ± 0.2% With Certificate	500ML	
CE0009	Ethanol Standard 15% ± 0.2% With Certificate	500ML	

F

CODE	DESCRIPTION	PACK SIZE	
CF0957	Fehling's Solution No.1 (ACR)	2.5L	
CF1957	Fehling's A Solution	2.5L	
CF0958	Fehling's Solution No.2 (ACR)	2.5L	
CF1958	Fehling's B Solution	2.5L	
CF1991	Fructose (D-) Extra Pure, Ph Eur, USP, BP, FCC	500g	

G

CODE	DESCRIPTION	PACK SIZE	
CG1556	Glucose (D-) Anhydrous AR	500g	
CG0043	Grease High Vacuum LR Grade	50g	

H-I

CODE	DESCRIPTION	PACK SIZE	
CH1104	Hydrochloric Acid (0.0100 ± 0.0001)M AR With Certificate	2.5L	
CH1115	Hydrochloric Acid (0.1000 ± 0.0005)M AR Standard Solution	2.5L	
CH1575	Hydrochloric Acid (1.00 ± 0.01)M AR Standard Solution	5L	
CH1569	Hydrochloric Acid (1.00 ± 0.01)M AR Standard Solution	2.5L	
CH1680	Hydrochloric Acid 32% AR	2.5L	
CH1893	Hydrochloric Acid 36% AR	2.5L	
CH1197	Hydrogen Peroxide 30% AR w/v (100 Volume)	500mL	
CH2852	Hydrogen Peroxide 30% AR w/v (100 Volume)	2.5L	
FI1101	Indicator Strips pH 0-14 In Snap Cap Tube	100	
CI1080	Iodine 0.1N (0.05M) Ampoule To Make 1L	amp	
CI1102	Iodine (0.1 +/- 0.001)N (0.05M) Solution	2.5L	
CI1404	Iso-Octane AR (2,2,4-Trimethylpentane)	500mL	
CI1382	Iso-Octane AR (2,2,4-Trimethylpentane)	2.5L	
CI0237	Immersion Oil	100mL	

Ajax Finechem

chem-supply

MERCK

SIGMA-ALDRICH®
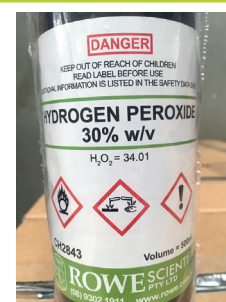
CHEMICALS

M-N

CODE	DESCRIPTION	PACK SIZE	
CM4705	Malic Acid (L) for Synthesis	10g	
HC0500	Collector for Small Mercury Spills (Up To 125mL)	ea	
CM1175	Mercurisorb Kit Mercury Spills Clean Up (ART. NO. 9461.1)	ea	
CM2316	Methyl Red Indicator, Free Acid AR	10g	
CM4580	Methylene Blue (CI52015)	25g	
CM2312	Mixed Indicator (0.1% Methyl Red + 0.05% Methylene Blue)	100mL	
CM2308	Mixed Indicator (0.1% Methyl Red + 0.05% Methylene Blue)	500mL	
CN1154	Nitric Acid 68%-70% w/w AR	2.5L	
CN0388	Nitric Acid 69-71% AR(ACS Specification)	2.5L	

P

CODE	DESCRIPTION	PACK SIZE	
CP5253	Phenolphthalein Solution 1% Indicator In propan-2-ol	100mL	
CM1801	Phosphoric (Meta-) Acid LR	500g	
CP2300	Phosphoric Acid (Ortho) 25% v/v AR	2.5L	
CO13125	Phosphoric Acid (Ortho) 25% v/v AR	5L	
CP1181	Phosphoric Acid (Ortho) 25% w/v AR	10L	
CO1312	Phosphoric Acid (Ortho) 25% w/v AR	20L	
CO1317	Phosphoric Acid (Ortho) 85% AR	2.5L	
CP2600	Potassium Chloride AR	500g	
CP3706	Potassium Hydrogen Phthalate AR	500g	
CP4357	Potassium Hydrogen Phthalate AR	500g	
CP3725	Potassium Hydrogen Tartrate AR	500g	
CP3950	Potassium Hydroxide Pellets AR	500g	
CP4052	Potassium Iodide AR	500g	
CP4125	Potassium Iodide AR	5kg	
CP4344	Potassium Metabisulfite AR	500g	
CP6221	Potassium Sodium (+)-Tartrate AR	500g	
CP4978	Potassium Sodium (+)-Tartrate AR	500g	
CP4984	Potassium Sodium (+)-Tartrate AR	5kg	
CP6371	Propan-2-ol (Isopropanol) GLR	2.5L	
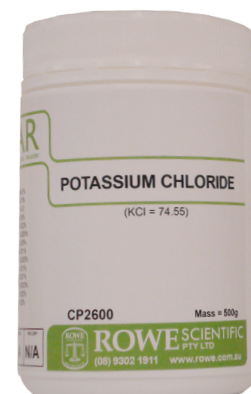
Q-R

CODE	DESCRIPTION	PACK SIZE	
CR3011	Rebelein Solution Z1 For Determination Of Reducing Sugars	2.5L	
CR4010	Rebelein Solution Z2 For Determination Of Reducing Sugars	2.5L	
CR4020	Rebelein Solution Z3 For Determination Of Reducing Sugars	2.5L	
CR4030	Rebelein Solution Z4 For Determination Of Reducing Sugars	2.5L	
CR4040	Rebelein Solution Z5 For Determination Of Reducing Sugars	2.5L	
CR4050	Rebelein Solution Z6 For Determination Of Reducing Sugars	2.5L	
KT0030	Reducing Sugar Tablet Individually Wrapped	20pack	

AimTab - for testing reducing sugars in wine. A fast and simple way of determining reducing sugar towards the end of fermentation. Includes instructions and colour chart. 20 Individually packed tablets for convenience.

CHEMICALS

S-V

CODE	DESCRIPTION	PACK SIZE	
CS7482	Silica Gel Self Indicating 2-5mm (Orange)	500g	
CS7455	Silica Gel Self Indicating Granules 5-10 Mesh (Blue)	500g	
CS8342	Silver Nitrate 0.1N AR	2.5L	
CS1072	Soda Lime Self-Indicating LR	500g	
CS14050	Sodium (Tri-) Citrate Dihydrate AR	500g	
CS10038	Sodium Carbonate Anhydrous AR	500g	
CS10307	Sodium Chloride AR	500g	
CS9522	Sodium Hydrogen Carbonate AR	500g	
CS1153	Sodium Hydroxide (0.01 ± 0.0005)M Standard Solution with Certificate	1L	
CS1152	Sodium Hydroxide (0.01 ± 0.0005)M Standard Solution with Certificate	5L	
CS11390	Sodium Hydroxide (0.10 ± 0.0005)M AR Standard Solution	2.5L	
CS11520	Sodium Hydroxide (0.10 ± 0.0005)M AR Standard Solution	1L	
CS12045	Sodium Hydroxide (1.00 ± 0.0005)M AR Standard Solution	1L	
CS0962	Sodium Hydroxide (1.00 ± 0.0005)M AR Standard Solution	2.5L	
CS11765	Sodium Hydroxide (1.00 ± 0.005)M AR Standard Solution with Certificate	5L	
CS1189	Sodium Hydroxide 0.1M (0.1N) Titrisol To Make 1L	ampoule	
CS11672	Sodium Hydroxide 1.000M (1.000N) Titrisol to make 1L	ampoule	
CS12014	Sodium Hydroxide Pellets AR	5kg	
CS12005	Sodium Hydroxide Pellets AR (Less Than 10ppm SiO2)	500g	
CS1166	Sodium Hydroxide Solution (0.333 ± 0.0005)N AR	2.5L	
CS1167	Sodium Hydroxide Solution (0.333 ± 0.0005)N AR	5L	
CS12345	Sodium Hypochlorite GLR12.5%	5L	
CS12341	Sodium Hypochlorite 12.5% (Includes Drum) (20L Container + Vent Cap) (Liquid Chlorine)	20L	
CS9055	Sodium Metabisulfite Anhydrous AR	500g	
CS14190	Sodium Thiosulfate 0.1M (0.1N) To Make 1L	ampoule	
CS2590	Sodium Thiosulfate Solution (0.100+/-0.001)M (0.1N)	1L	
CS14165	Sodium Thiosulfate 0.1N	5L	
CS14251	Sodium Thiosulfate Pentahydrate AR	500g	
CS1760	Sucrose AR	500g	
CS1443	Sulfuric Acid 98% AR for Analysis (Glass)	2.5L	
CT1000	Tartaric Acid AR	500g	
CT0037	Tartaric Acid 6g/L With Certificate (AR)	1L	
CT0094	Trypan Blue 0.4% Solution, Sterile	100mL	
CV1050	Vitex (Iodine Indicator)	250g	
CS1815	Starch Indicator For Iodometry	250g	

SULFUR CHEMICALS FOR KONELAB / GALLERY

CODE	DESCRIPTION	PACK SIZE	
CD1549	DTNB Reagent, For SO_2 Analysis (AR)	1L	
CB4140	Buffer Phosphate pH 8.40 +/- 0.05	2.5L	
CP2304	Pararosaniline Hydrochloride 12.5g/L In 0.9M HCl & 10% Ethanol	1L	
CP0844	Pyruvic Acid, 98%	25g	
CF1601	Formaldehyde Solution 37% (Formalin)	500mL	

TESTS – BRETTANOMYCES TESTING

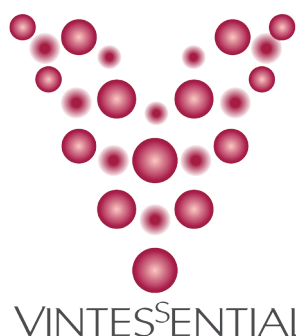| CODE	DESCRIPTION	PACK SIZE	
KM0300	Media, Brettanomyces Selective Medium Liquid Amp	50	
PD1014	Dish, Petri 47mm Sterile With Absorbent Pad Pre Loaded	150	

ENZYME KITS

VINTESSENTIALS® ENZYME KITS

CODE	DESCRIPTION	PACK SIZE	
KA0029	Acetic Acid Test kit (30 Tests) for Wine Testing	KIT	
KA0030	Acetic Acid Test Kit (100 Tests) for Wine Testing	KIT	
KP0042	Primary Amino Acid Nitrogen Test Kit (30 Tests) for Wine Testing	KIT	
KA0032	Ammonia Test Kit (30 Tests) for Wine Testing	KIT	
KC0038	Citric Acid Test Kit (30 Tests) for Wine Testing	KIT	
KD0021	D-Gluconic Acid Test Kit (30 Tests) for Wine Testing	KIT	
KD0022	D-Glucose & D-Fructose Test Kit (30 Tests) for Wine Testing	KIT	
KD0023	D-Glucose & D-Fructose Test Kit (100 Tests) for Wine Testing	KIT	
KF0007	Free Sulfur Dioxide (SO_2) Test Kit for Benchtop Spectrophotometer (Up to 30 Tests)	KIT	
KT0047	Total Sulfur Dioxide (SO_2) Test Kit For Benchtop Spectrophotometer Wine Analysis Approx 30 Tests	KIT	
KL0015	L-Lactic Acid Test Kit (30 Tests) for Wine Testing	KIT	
KL0016	L-Malic Acid Test Kit (30 Tests) for Wine Testing	KIT	
KL0017	L-Malic Acid Test Kit (100 Tests) for Wine Testing	KIT	
KS0038	Sucrose/D-Glucose/D-Fructose Test Kit (30 Tests) for Wine Testing	KIT	

DISCRETE ANALYSER ENZYME KITS

CODE	DESCRIPTION	PACK SIZE	
KA0031	Acetic Acid Analysis Test Kit for Discrete Analysers (Up to 500 Tests) for Wine Testing	KIT	
KP0043	Primary Amino Acid Nitrogen Test Kit for Discrete Analysers (Up To 500 Tests) for Wine Testing	KIT	
KA0033	Ammonia Test Kit for Discrete Analysers (Up To 500 Tests) for Wine Testing	KIT	
KF0006	D-Glucose & D-Fructose Analysis Test Kit for Discrete Analysers (Up To 300 Tests) for Wine Testing	KIT	
KD0025	L-Malic Acid Test Kit for Discrete Analysers (Up To 500 Tests) for Wine Testing	KIT	
KC0039	Combined Standards Kit for Discrete Analysers (6 Vials of Varying Concentrations of the Main Wine Components Analysed Enzyma) for Wine Testing	KIT	
KY0002	Yeast Assimilable Nitrogen (Yan) Calibration Standards (8 Vials) For Wine Testing	KIT	
KT0048	Total Sulfur Dioxide (SO_2) Test Kit For Discrete Analyser Wine Analysis	KIT	

Total SO_2 kits are now available for ChemWell-T and Thermo Arenas. Protocols for other discrete analysers coming soon.

EQUIPMENT

VINTESSENTIALS®

Vintessential Chemwell 2910 Discrete Analyser

The Completely Automatic Way To Analyse Up To 200 Wine Samples Per Hour

Built in the US and a popular choice for American wineries, the Vintessential ChemWell 2910 discrete analyser has been re-programmed for dedicated use with Vintessential Test Kits: the only ones made exclusively for the wine industry.

CODE	DESCRIPTION	UNIT	
IW0072	Wine Analyser "Chemwell 2910" St. Steel Level Sensing Probes, Incl. 27 Place Rack & Wash Head With Auto.prime & Rinse, Incl. Software For Xp, Vista & Win. 7, Preset For Vintessential Kits *Travel, Installation and Training Charges Will Apply - Costs Based On Location P-O-A *	ea	

Technical Specifications.

General

Typical throughput per hour	Up to 200 endpoint reactions; up to 170 kinetic reactions
Typical reaction volume	250 µL or less
Power requirement	100V- 240VAC, 160W, 50-60Hz (universal input. auto-sensing)
Dimensions	36.25" (92.1 em) width; 18.75" (47.6 em) height; 21 .5" (54.6 em) depth; 80 lb (36 kg) approximate weight

Reagent & Sample Dispensing

Capabilities	Dilution; pre-dilution; dispensation of single or multiple reagents
Pumps	Two syringe pumps, sized 50 µL and 2.5 mL
Probes	Level -sensing and made from 316 stainless steel for maximum reagent compatibility
Min. / Max. volume	<2.5% CV
Volume precision >5 µL	<1% CV
Max. specimens	96 including calibrators and controls
Standard reagent rack	27 positions
Reaction vessel	Standard microwells, strips or plates
Instrument bottles	2 L wash with low-volume warning sensor; 1 L rinse (or second wash) with low-volume warning sensor;

Incubating, Timing and Temperature Control

Thermal control	Well, probe and tubing; ambient or 37°C
Reagent cooling	Optional accessory cools 12-15°C below ambient through Peltier thermoelectric modules connected to external controller

Washing

Wash head	8-probe, automatic prime and rinse
Programs	aspirate, dispense, soak and mix wash protocols are user-programmable

Reading

Optical design	Reads bichromatic absorbance in 4 channels; user-selected monochromatic or bichromatic results; 8-position filter wheel (340, 405, 450, 505, 545, 600, 630, 700 nm or custom)
Interference filters	Long-life, hard-coat, ion-assisted deposition; 10 nm typical half bandpass
Linear range	0.00 to 3.0A
Photometer accuracy	± 1% or better, NIST-traceable calibration

Software

Upgrade Format	CD-ROM with Internet upgrades
Support	Windows© XP, Vista or 7 with CD drive, serial- or USB-port (computer not supplied)
Methods	Vintessential Test Kit methods are pre-programmed, including reagent and calibrator definitions and test flows
Calculation modes	Absorbance; single standard; factor; fixed-time kinetics;kinetics by multipoint; kinetics by standard or factor; multipoint; linear regressions; polynomial; cubic spline;4-parameter; cut-off by absorbance or standard; et al
Self -monitoring modes	Lamp; bottle volumes; filters; pressure; vacuum; mechanical function; et al
QC options	Store control data; print Levey-Jennings or QC-range plots

VINTESSENTIALS®

Vintessential Chemwell-T Analyser
Automated Results With Confidence

The Vintessential Chemwell-T is a compact and efficient automated chemistry analyser, offering the oenologist reliable performance and accurate results.

Built in the US, it has been re-programmed for dedicated use with Vintessential Test Kits: the only ones made exclusively for the wine industry.

CODE	DESCRIPTION	UNIT	
IW0071	Wine Analyser (Automated Chemistry Spectrophotometer), "Chemwell-T", 20 Position Integrated Sample Rack, Pre-Programmed For Vintessential Test Kits *Travel, Installation and Training Charges Will Apply - Costs Based On Location P-O-A *	ea	

Technical Specifications.

General

Max. throughput per hour	100 endpoint tests
Min. reaction volume	250 µL or less
Maximum reaction volume	700 µL
Dimensions	53 cm width; 40 cm height; 50 cm depth; <15 kg approximate weight

Reagent & Sample Dispensing

Capabilities	Dilution; pre-dilution; dispensation of single or multiple reagents
Max. No. of reagents	Six 15-mL bottles; six 8-mL bottles; 16 4-mL bottles
Min. / max volume	2 µL-400 µL
Max. specimens	Typically, 20 including calibrators and controls on the standard integrated rack; 16 sample spaces are available with the optional barcode rack
Reaction Vessel	5 per cuvette; 40 total on board
Instrument bottles	0.25 L priming bottle; optional 0.5 L bottle available

Incubating, Timing and Temperature Control

Thermal Control	Cuvette carrier 37°C or ambient room temperature
Reagent Cooling	Refrigerated reagent rack cools 8 to 12°C below ambient through Peltier thermoelectric modules

Reading

Optical Design	Reads absorbance in one channel; user-selected monochromatic or bichromatic results
Filter Wheel	340, 405, 505, 545, 580, 630 nm
Light Source	Halogen lamp
Linear Range	0.00 to 3.0 A

Upgrade Format	USB and Internet
Operating systems	Refrigerated reagent rack cools 8 to 12°C below ambient through Peltier thermoelectric modules
Methods	Vintessential Test Kit methods are pre-programmed, including reagent and calibrator definitions and test flows
Calculation modes	Single standard; factor; fixed-time kinetics; kinetics by standard or factor; multi-calibrator point-to-point; linear regressions; cubic spline; 4-parameter logistic; percent absorbance
Self-monitoring modes	Lamp; bottle volumes; filters; pressure; vacuum; mechanical function; et al

Certification

NRTL -listed, CE-marked and certified under ISO 13485 2003. Vintessential Laboratories reserves the right to change specifications without notice through continuous design improvement.

CHEMWELL T & 2910 CONSUMABLES

VINTESSENTIAL®
LABORATORIES

CODE	DESCRIPTION	PACK SIZE	
PW0017	Wine Analyser Part Bottle (Reagent) With Cap 30mL For Chemwell-T	12	
PW0018	Wine Analyser Part Bottle (Reagent) With Cap 15mL For Chemwell-T	12	
PC0217	Cuvettes, Express (1 Sleeve), 13 Cuvettes, 65 Wells To Suit Chemwell-T	EA	
PT0356	Tube, 2mL Sample Vial With Skirted Base To Suit Chemwell-T	500	
PW0019	Wine Analyser Part Bottle (Reagent) With Cap 4mL For Chemwell-T	12	
PW0020	Wine Analyser Part Sample Vial Caps 2mL For Chemwell-T And 2910	500	
PW0021	Wine Analyser Part Microplates For Chemwell 2910	10	
PW0022	Wine Analyser Part Vials With Caps 5mL For Chemwell-T	50	
PW0023	Wine Analyser Part Blanking Solution Kit For Chemwell-T And 2910	KIT	
PW0024	Wine Analyser Part Microplates 96 Wells For Chemwell-T 2910	10	
PW0025	Wine Analyser Part Performace Check Kit For Chemwell-T And 2910	KIT	
PW0026	Wine Analyser Part Plate Wash Kit For Chemwell-T 2910	KIT	
PW0027	Wine Analyser Partreagent Bottle 30mL for Chemwell-T 2910	12	
PW0028	Wine Analyser Part Strip Tray For Chemwell-T 2910	10	
PW0029	Wine Analyser Part Uncoated Microwell Strip Box	320	

ENZYMATIC TESTING PACKAGE

Complete Ezymatic Package

This all in one package combines the items necessary to conduct your own analysis for Malic Acid, Glucose, Fructose and much more. See below:

CODE	DESCRIPTION	PACK SIZE	
IS0094	Spectrophotometer Visible 320-999nm Single Beam	ea	
KL0016	L-malic Acid Test Kit (30 Tests) For Wine Testing	KIT	
KD0022	D-Glucose & D-Fructose Test Kit (30 Tests) For Wine Testing	KIT	
DP0116	Pipettor Dlab, 10-100uL Single-Channel, Adjustable Volume, Mechanical Autoclavable, Micropette Plus	ea	
DP0105	Pipettor Dlab, 100-1000uL Single-Channel, Adjustable Volume, Mechanical Autoclavable, Micropette Plus	ea	
DL3940	Tip, Pipette Yellow Graduated To Suit Eppendorf, Gilson, Finnpipette,Rainin, Biohit (Boeco) 200uL	1000	
DL3959	Tip, Pipette Clear Graduated To Suit Eppendorf, Gilson, Finnpipette, Boeco, Witeg® 1000uL	500	
PC3750	Cuvette Disposable 4.5mL 10mm Visible PS	100	
CB2016	Cuvette Rack For 16x10mm Standard Cells, BRAND™	ea	

TOTAL PACKAGE PRICE ONLY
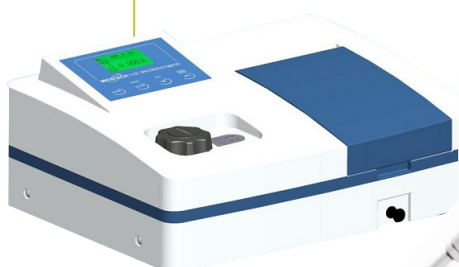
EBULLIOMETERS

Alcohol Determination

In still / sparkling wines, beers, ciders, and aqueous alcoholic solutions with AllaFrance Ebulliometers at Rowe Scientific.

Complete Electric Ebulliometer

A complete solution for accurately determining alcohol content in

- Modern, sleek design
- Convenient electronic heating for a fast boil time and stable temperature control
- Continuous water cooling
- Glass body aids in cleaning, maintenance and longevity
- Included is a complete solution with a thermometer, reference wine, 7 x 11mm silicone tubing, circular rule for alcohol %vol and a set of instructions.

Specifications:

- measurement range: 0-17% vol
- uncertainty: ± 0.15% vol.
- duration: 6-8 min
- power consumption: 125 watts

- dimensions with thermometer: 430 x 175 x 290mm
- weight: 2.4 kg

IE0173

Small Economy Electric Ebulliometer

An affordable yet versatile solution for alcohol determination in your laboratory.

- Modern, minimalist design, with a small desktop footprint
- Convenient electronic heating for a fast boil time and stable temperature control
- Continuous water cooling
- Glass body aids in cleaning, maintenance and longevity
- Included is a digital thermometer, calculation table, power cable and silicon tube.

Specifications:

- measurement range: 3-17% vol
- uncertainty: ± 0.3% vol.
- duration: 5-7 min
- power consumption: 125 watts

- dimensions with thermometer: 360 x 175 x 195mm
- weight: 1.8 kg

IE0171

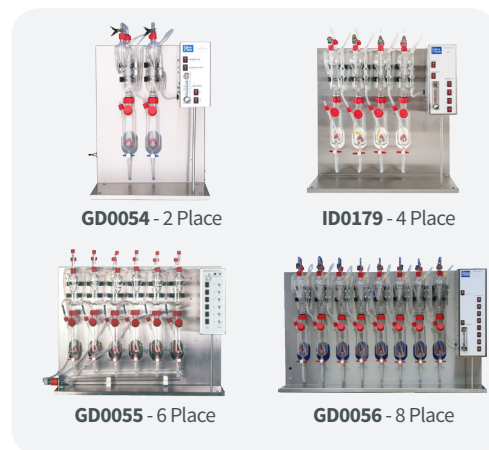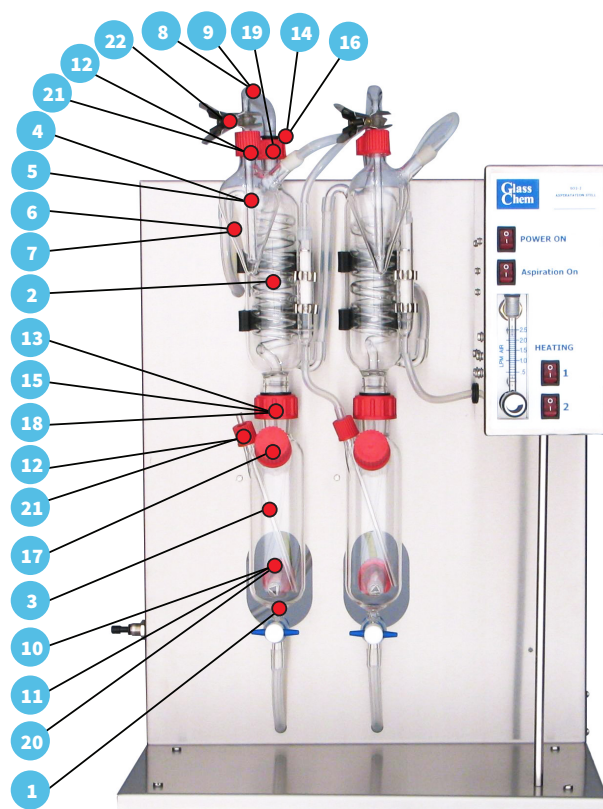| CODE	DESCRIPTION	UNIT	
IE0173	Ebulliometer, Complete, 220V, Measuring Range 0-17% Alcohol +/- 0.15%	ea	
IE0171	Ebulliometer, Economy, 220V, Includes Digital Thermometer, Measuring Range 3-17% Alcohol +/- 0.3%	ea	

EQUIPMENT

Glass Chem

GLASSCHEM SO₂ DISTILLATION – SULFUR DIOXIDE MULTI PLACE UNITS

CODE	DESCRIPTION	
GD0054	Distillation Unit Glasschem, SO₂/Sulfur Dioxide 2-Head Vacuum Aspiration, Series 2	
ID0179	Distillation Unit Glasschem, SO₂/Sulfur Dioxide 4-Head Vacuum Aspiration, Series 2	
GD0055	Distillation Unit Glasschem, SO₂/Sulfur Dioxide 6-Head Vacuum Aspiration, Series 2	
GD0056	Distillation Unit Glasschem, SO₂/Sulfur Dioxide 8-Head Vacuum Aspiration, Series 2	

GD0054 - 2 Place   ID0179 - 4 Place

GD0055 - 6 Place   GD0056 - 8 Place

GLASSCHEM SO₂ DISTILLATION – SULFUR DIOXIDE PARTS

PART	CODE	IMAGE	DESCRIPTION	
1	GG0063		Glasschem Part SO₂, Reaction Vessel (Rodavis Socket)	
2	GG0052		Glasschem Part SO₂, Condenser (Rodavis Socket)	
3	GG0049		Glasschem Part SO₂ Air Onlet Tube	
4	GG0050		Glasschem Part SO₂, Bubble Dispersion Tube (Old Style)	
5	GG0051		Glasschem Part SO₂, Bubble Dispersion Tube (Spherical New Style)	
6	GG0059		Glasschem Part SO₂, Pear Shaped Flask, (Larger New Style)	
7	GG0060		Glasschem Part SO₂, Pear Shaped Flask, (Smaller Old Style)	
8	GG0061		Glasschem Part SO₂, Recovery Bend (Old Style)	
9	GG0062		Glasschem Part SO₂, Recovery Bend, (Spherical Joint - New)	
10	GG0056		Glasschem Part SO₂, Long Life Element, 1 Amp, (Triangular Core)	
11	GG0082		Glasschem Part Silicone Washer For GL25	
12	GG0080		Glasschem Part Silicone Washer For GL14	
13	GG0023		Glasschem Part SO₂, Rodavis O-ring For B24	
14	GG0022		Glasschem Part SO₂, Rodavis O-ring For B14	
15	GG0025		Glasschem Part SO₂, Rodavis Lifting Ring For B24	
16	GG0024		Glasschem Part SO₂, Rodavis Lifting Ring For B14	
17	GG0041		Glasschem Part SO₂, Solid Screw Cap, Closed GL25, For Sample Loading	
18	GG0027		Glasschem Part SO₂, Rodavis Cap B24	
19	GG0026		Glasschem Part SO₂, Rodavis Cap B14	
20	GG0036		Glasschem Part SO₂, Screw Cap, Open GL25, For Element	
21	GG0034		Glasschem Part SO₂, Screw Cap, Open, For Air Filter GL14	
22	GG0065		Glasschem Part SO₂, Spherical Ball Joint Clamp	

GD0054 - 2 Place SO₂ unit shown above
Other parts available on request

GlassChem

GLASSCHEM VA DISTILLATION – VOLATILE ACIDITY MULTI PLACE UNITS

GD0057 - 1 Place

GD0058 - 3 Place

GD0059 - 4 Place

GD0060 - 6 Place

CODE	DESCRIPTION	
GD0057	Distillation Unit Glasschem, VA/Volatile Acid 1-Head Vacuum Aspiration, Series 2	
GD0058	Distillation Unit Glasschem, VA/Volatile Acid 3-Head Vacuum Aspiration, Series 2	
GD0059	Distillation Unit Glasschem, VA/Volatile Acid 4-Head Vacuum Aspiration, Series 2 (15amp)	
GD0060	Distillation Unit Glasschem, VA/Volatile Acid 6-Head Vacuum Aspiration, Series 2 (15amp)	

VA DISTILLATION – VA ACIDITY PARTS

PART NO.	CODE	IMAGE	DESCRIPTION	
❶	GG0070		Glasschem Part VA, Boiler/Steam Tube For VA 1	
❷	GG0017		Glasschem Part VA Boiler/Steam Tube Kombo 2 or 4	
❸	GG0077		Glasschem Part VA 3 Boiler/Steam Tube, Distillation For VA 3/4/6	
❹	GG0078		Glasschem Part VA, Inlet Funnel For All VA's	
❺	GG0071		Glasschem Part VA, Condenser For All VA's	
❻	GG0079		Glasschem Part VA, Peg Stopper For All VA's	
❼	GG0073		Glasschem Part VA, Glass Recovery Bend For VA1	
❽	GG0075		Glasschem Part VA, Recovery Bend For VA3	
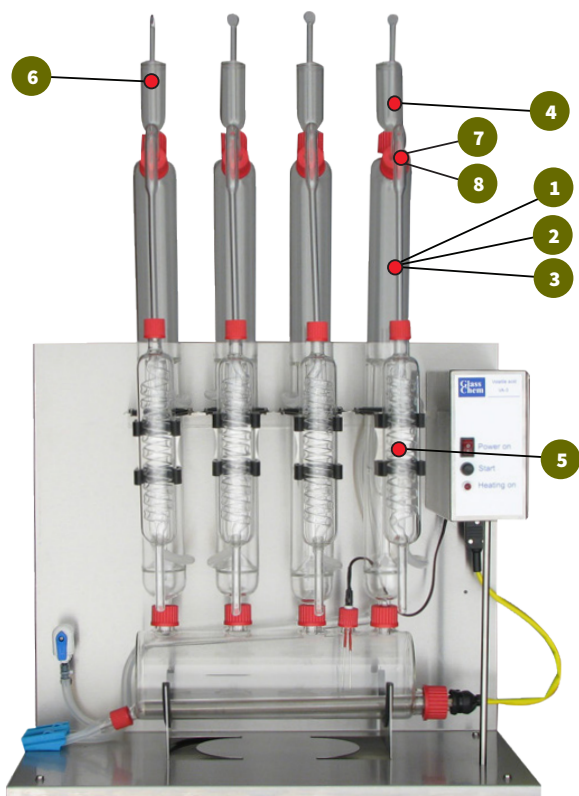
GD0059 - 4 Place VA unit shown above
Other parts available on request

Glass Chem

Contact us for your specific combination requirement.

EQUIPMENT

Glass Chem

GLASSCHEM OH DISTILLATION – ALCOHOL MULTI PLACE UNITS

CODE	DESCRIPTION	
GD0061	Distillation Unit Glasschem, Alcohol 1 - Head	
GD0062	Distillation Unit Glasschem, Alcohol 2 - Head	
GD0063	Distillation Unit Glasschem, Alcohol 3 - Head	
GD0064	Distillation Unit Glasschem, Alcohol 6 - Head	

GD0061 - 1 Place   GD0062 - 2 Place

GD0063 - 3 Place   GD0064 - 6 Place

GLASSCHEM OH DISTILLATION – ALCOHOL PARTS

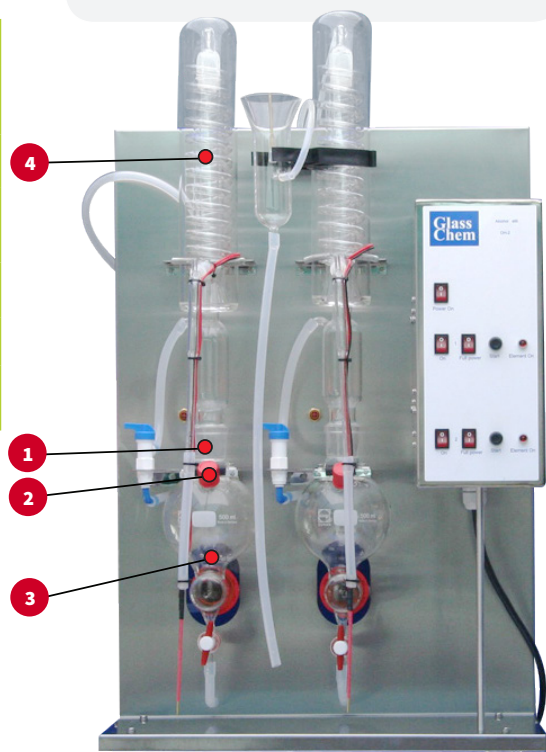| PART NO.	CODE	IMAGE	DESCRIPTION	
❶	GG0029		Glasschem Part OH Reaction Vessel	
❷	GG0040		Glasschem Part Closed Screw Cap GL18	
❸	GG0032		Glasschem Part OH Element	
❹	GG0028		Glasschem Part OH Condenser Assembly - 2010	
❺	GG0030		Glasschem Part OH Delivery Tube	
❻	GG0031		Glasschem Part OH Pycnometer	

Combo units   SO₂ VA OH

GD0065   GD0066   GD0070   GD0071

| SO₂ VA | SO₂ VA | SO₂ VA OH | SO₂ VA OH |
| 2 1 | 4 1 | 2 1 1 | 4 1 1 |
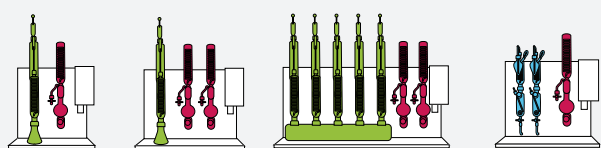
GD0067   GD0068   GD0069   GD0072

| VA OH | VA OH | VA OH | SO₂ OH |
| 1 1 | 1 2 | 5 2 | 2 1 |

SO₂, VA and OH modules can be incorporated into "Combo" models so that multiple parameters can be measured on a single instrument to suit your laboratory's workload.

GD0061 - 2 Place OH unit shown above
Other parts available on request

CODE	DESCRIPTION	
GD0065	VA 1/SO₂ 2 Combination, Volatile Acid 1-Head, Sulfur Dioxide 2-Head (Combo1)	
GD0066	VA 1/SO₂ 4 Combination, Volatile Acid 1-Head, Sulfur Dioxide 4-Head (Combo2)	
GD0070	SO₂ 2/VA 1/OH 1 Combination Sulfur 2-Head, Volatile Acid 1-Gead, Alcohol 1-Head	
GD0071	SO₂ 4/VA 1/OH 1 Combination Sulfur 4-Head, Volatile Acid 1-Head, Alcohol 1-Head	
GD0067	VA 1/OH 1 Combination Volatile Acid 1-Head, Alcohol 1-Head	
GD0068	VA 1/OH 2 Combination Volatile Acid 1-Head, Alcohol 2-Head	
GD0069	VA 5/OH 2 Combination Volatile Acid 5-Head, Alcohol 2-Head	
GD0072	SO₂ 2/OH 1 Combination Sulfur 2-Head, Alcohol 1-Head	

EQUIPMENT

CODE	DESCRIPTION	
IR0171	Recirculating Cooler, Undercounter Pre-Mix Chiller LIFE100 36L, Flow Rate 10-15L/min, Inlet/Outlet Temp 25°C / 4°C, Ext Dim. 406mmW x 406mmD x 735mmH	
IR0172	Recirculating Cooler, Undercounter Pre-Mix Chiller LIFE 130 50L, flow rate 10-15L/min, inlet/outlet Temp 25 Deg C/4 Deg C, Ext Dim. 466mmW x 466mmD x 838mmH	

TARTARIC STABILITY

Tartarcheck - Tartaric Stability Instrumentation

Tartarcheck is an instrument for monitoring the tartaric stability in wine. It enables evaluation on how to further stabilise and improve the quality of the wine.

Tartarcheck works on the principle of accelerating the Potassium Hydrogen Tartrate (KHT) precipitation, by adding additional KHT in the form of fine crystals. The precipitation kinetics is followed by measuring the sample's electrical conductivity, which depends on the ions in solution (so not yet precipitated), in a thermostated chamber whose temperature follows a pre-set time profile by a microcomputer controlled Peltier heat pump.

The instrument is compact and self contained, with an LCD display and thermal printer, and can be connected to an external computer via RS232C. Also available with a touch screen LCD (Tartarcheck Plus).

IT0271

Key Features

* Perform isotherm precipitation kinetics (at any temperature between -4 and 40 °C)

* Detect the tartaric stability (TS) by intersecting the thermal conductivity profiles both with and without KHT crystals

* Print and/or store (depending on the model) the precipitation kinetics for the isotherm test and the differential conductivity diagrams according to the temperature for the TS calculation.

IT0272

TECHNICAL CHARACTERISTICS

Isothermal speed: Test at 0°C in 20min
Ts speed: Complete test in 35min
Sample volume: 25mL / magnetic stirrer / environment T°: -4°C to 40°C

Conductivity
Conductivity range: 0-4000 µS/cm
Resolution: ±2µS
Accuracy: ±2µS

Thermometer
Temperature range: -5/35 °C
Resolution: 0.01 °C
Accuracy: 0.01 °C

MODEL
IT0271 Tartarcheck
Thermal printer generates a report at the end of the analysis; No data storage.

IT0272 Tartarcheck Plus
Tablet touchscreen (no printer) with data storage; The PDF analysis report, can be downloaded from internal storage

CODE	DESCRIPTION	UNIT	
IT0272	Tartaric Stability Tester, Automatic, Tartarcheck Plus	ea	
IT0271	Tartaric Stability Tester, Automatic, Tartarcheck	ea	

EQUIPMENT

RATEK® EQUIPMENT FOR COLD STABILITY TESTING

CODE	DESCRIPTION	
IB1250	Bath Water Unheated Insulated 24L Working Volume	
IB1253	Bridge Plate For 24L Insulated Tank with Cut-Outs For Regulator and Immersion Cooler	
IL0166	Lid Gabled to Suit IB1250 With Bridge	
IT2402	Thermoregulator Heater/Stirrer -30 to 100°C	
IR1060	Immersion Cooler Refrigeration Unit with Dip Coil	

SUBMERSIBLE STIRRERS

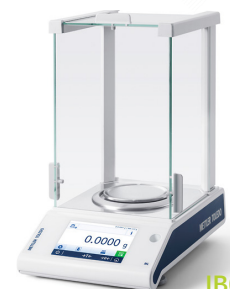| CODE	DESCRIPTION	
IS0307	Stirrer Magnetic "Labomag", 1x1 (Single) Position, Industrial Standard Brushed Stainless Steel (Submersible In Water Up To 60°C, Ip68), Includes Separate Control Unit	
IS0308	Stirrer Magnetic "Labomag", 2x2 (4) Position With 130mm Stirring Point Distance, Industrial Standard Brushed Stainless Steel (Submersible In Water Up To 60°C, IP68), Includes Separate Control Unit	
IS0309	Stirrer Magnetic "Labomag", 1x5 (5 Position) With 65mm Stirring Point Distance, Industrial Standard Brushed Stainless Steel (Submersible In Water Up To 60°C, IP68), Includes Separate Control Unit	
IS0311	Stirrer Magnetic "Labomag", 2x4 Position With 130mm Stirring Point Distance, Industrial Standard Brushed Stainless Steel (Submersible In Water Up To 60°C, IP68), Includes Separate Control Unit	

IS0307

IS0309

EQUIPMENT

BALANCES - METTLER TOLEDO®

CODE	DESCRIPTION		
IB0076	Balance Analytical ME204 Newclassic 220g x 0.1mg with Internal Calibration		
IB0144	Balance Analytical, ML204T Newclassic 220g x 0.1mg With Internal Calibration And Touch Screen		
IB0145	Balance Precision ML1602T Newclassic 1620g x 0.01g with FACT		
IB0146	Balance Precision ML3001T Newclassic 3200g x 0.1g with Internal Calibration and Touch Screen		

IB0076

BALANCES - OHAUS®

CODE	DESCRIPTION		
IB0427	Balance Ohaus 220g x 0.0001g Pioneer PX Series With Internal Calibration		
IB0257	Balance Ohaus® 620g x 0.01g Scout General (SPX622)		
IB0270	Balance Ohaus® 620g x 0.1g General Series SPX		
IB7756	Balance Ohaus® 6kg x 1.0g Valor 3000 Xtreme Compact Scale		
IB0202	Balance Scout SPX 6200g x 0.1g		
IB0442	Balance Ohaus® 2100g x 0.01g PX Series with Internal Calibration		

IB0257

IB7756

CENTRIFUGES & ACCESSORIES – BOECO MODELS

CODE	DESCRIPTION	QTY	
IC0026	Centrifuge S-8 MAX 6000rpm Angle Rotor for 8x15mL Tubes 208-240V 50/60Hz	ea	
IC3774	Centrifuge C-28A Max 6,000rpm without Cooling without Rotor 208-240V 50/60Hz	ea	
IR1003	Rotor 8 Place Swing Out for 50mL Falcon Tubes Suits C28 Centrifuge	ea	

IC3774

CENTRIFUGES & ACCESSORIES – CENTURION MODELS

CODE	DESCRIPTION	QTY	
IC4160	Centrifuge Multi Rotor Speed 500-4000rpm 240 Volts 50Hz	ea	
IR4134	Rotor, Fixed Angle 8x50mL, 6000rpm, Accommodates Tubes Up To 30x120mm for Model CR2000 and CR4000 Centrifuges	ea	
IC4104	Centrifuge Part Reducer to Suit IR4126 Rotor for 15mL Tubes	4	

IC4160   **IR4134**

CENTRIFUGES & ACCESSORIES – DLAB MODELS

CODE	DESCRIPTION	QTY	
IC0039	Centrifuge "Palm" Micro Model D1008, Maximum Speed 7000rpm For Eight 0.2/0.5/1.5/2.0mL Tubes	ea	
IC0403	Centrifuge Clinical Model DM0412, 4500rpm Maximum Speed Complete With A6-50P Plastic Angle Rotor For 6 x 50mL Tubes Or 6 x 15mL Tubes	ea	

IC0403

IC0039

DM0412 clinical centrifuge

A6-50P rotor included

EQUIPMENT

Handheld Density Meter, Densito
Light, Intuitive, and Rugged.

Designed to fit comfortably in the hand, the lightweight Density2Go allows for one-handed density measurement in the lab or on-the-go. Results are temperature-compensated and can be delivered in specific gravity, Brix, American Petroleum Institute (API) units, and many more.

- Perfect for measuring Brix%, ºBaumé or ºPlato in food or beverages
- Alcohol measurement in wine and beer made easy.

CODE	DESCRIPTION	
ID0159	Density Meter Digital Portable Density2go	
ID0160	Protective Case For Density2go	

Portable Density/Specific Gravity/Concentration Meter "Basic"

Density measurement on the move.

The DMA 35 is the new generation of Anton Paar portable density meters, using oscillating U-tube technology.

- Uses wireless technology for easy PC connectivity for writing method lists and sample ID's
- Activate the in-built pump via a push of a button. Measures the density using preinstalled density concentration tables.
- Backlit sample cell to observe the filling process and ensure no gas bubbles are present in the sample

Portable Density/Specific Gravity/Concentration Meter "Standard Version"

All the features of the "Basic" model, with a colour screen and robust housing.

- Features a strong IPX4 rated outter shell for a long service life. Incorporates a replaceable sample cell
- Automatic sample identification via RFID increases the efficiency of your measuring process
- Use as a bench top instrument by placing on a table. The screen automatically rotates and samples can be loaded from the top of the instrument.

CODE	DESCRIPTION	
ID0922	Density Meter, Anton Paar, DMA 35 Portable "Basic"	
ID0149	Density Meter, Anton Paar, DMA 35 Portable "Standard version" V4	

EQUIPMENT

pH PEN POCKET METER – ROWE SCIENTIFIC

CODE	DESCRIPTION	
IM0124	Meter, Pen Type, pH range 0-14 x 0.1 With Auto-Calibration And Waterproof Housing	

pH & CONDUCTIVITY METERS – TPS OPTIONS

CODE	DESCRIPTION	
IP1198	Meter, pH mV Temperature Waterproof with pH and Temperature Sensor and 1m Cable Aqua-pH	

pH & CONDUCTIVITY METERS – HANNA OPTIONS

CODE	DESCRIPTION	
IM0325	Meter, pH Edge Wine Kit, Multi Parameter, Including HI1048 Sensor, Bench Docking Station & Stand, Wall Mount, Charger and pH 4, 7 & 10 Sachets	
IM0111	Meter, pH Edge Kit, Single Parameter, including Glass pH Probe, Bench Docking Station and Stand, Wall Mount Charger, pH 4, 7 And 10 Sachets and Storage Solution	

pH & CONDUCTIVITY METERS – OHAUS OPTIONS

CODE	DESCRIPTION	
IM0242	Meter pH, ATC Portable Includes ST300-G Meter With ST320	
IM0228	Meter, pH mV Temperature, Bench Top with Built-in Electrode Arm Holder, ST210 pH Sensor, Temp Sensor and Buffers	
IM0304	Meter Benchtop Multi ST3100M-F, pH, ORP, Conductivity, TDS, Salinity, mV & Temp With Multi-Range Conductivity/ATC/Temp Sensor & pH Sensor With 1m Cables Plus Electrode Holder & Calibration Solutions	

pH & CONDUCTIVITY METERS – PEN STYLE METERS

CODE	DESCRIPTION	
IM0012	Meter, pH Autocal 3-Points with Replaceable Sealed Gel pH Probe Carry Case and Buffers 4, 7 & 10 Pocket Ezi-Pen pH Plus	
IP1803	pH Pocket Tester 0-14 x 0.1 Digital (Phep 4) with ATC	
IP1805	pH Pocket Tester 0-14 x 0.01 Digital (Phep 5) with ATC	

SENSORS AND ACCESSORIES

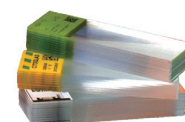| CODE	DESCRIPTION	
IP14406	pH Electrode IJ44a BNC Connector Reference Double Junction "A" Glass Tip, Temp. Range 0-60°C, pH Range 0-14 (Sodium In Sample May Interfere At pH>12)	
IP1435	pH Probe, IJ40a, 1m Cable With BNC Connector, Glass Bullet Tip, pH 0-12, Reference Double Junction Ag/AgCI/Sat KCI Gel, Polypropylene Body	
IP1103	IJ Electrode Upgrade for Labchem or Aqua Series	
IE1750	Electrode Holder Adjustable, Accommodates Up To 4 Sensors	

EQUIPMENT

MICROSCOPES

CODE	DESCRIPTION	QTY	
EM0141	Microscope Biological E5 Series Binocular, 4x; 10x; 40x & 100x Achromoat Objectives, 10x wide Field Eyepieces, 3W LED llumination	ea	
EM0188	Microscope Biological Binocular With 10X WF Eyepieces, 4X, 10X, 40X and 100X Achromat Objectives, Coaxial Mechanical Stage, Abbe Condenser, Iris Diaphragm and LED Illumination	ea	

MICROSCOPE SLIDES & COVER SLIPS

CODE	DESCRIPTION	QTY	
GC1615	Haemocytometer Counting Chamber Neubauer Improved Bright-Line	ea	
GM2473	Cover Slips 20 x 26mm For Improved Neubauer Counting Chamber	10	
GM3140	Microscope Slides Plain 1.0-1.2mm Thickness 76.2 x 25.4mm	50	
EM0077	Microscope slides, plain, standard grade, interleaved, ground edges, 90 degree corners, 75.0 x 25.0 x 1.0mm.	50	
GM2715	Microscope Slides, Frosted One End/One Side, 45° Clipped Corners, Ground Edges, 75.0(+0.5)x25.0(+0.5)mm, Tissue Interleaved/Cellophane Packed, Glass	50	
GM2375	Cover Slips 22 x 22mm No. 1 Superior	100	
GM2305	Microscope Cover Glass/Slip, 22 x 22mm, 0.13-0.16 Thickness, Glass	200	
CI0237	Immersion Oil	100mL	
ET0002	Tissue Lens cleaning for Microscopes	100	

MICROBIOLOGY – AGAR AND STAINS

CODE	DESCRIPTION	QTY	
CA2281	Agar WLNA Nutrient	500G	
CA6102	Agar WLNA Nutrient Pre-Poured Plate	10	
CA2309	Agar Violet Red Bile (VRB)	500G	
CA6112	Agar MRS Pre-Poured Plate	10	
CA6113	Agar Raka Ray Pre-Pourd Plate	10	
CA6115	Agar WL Nutrient With Cyclohexamide Pre-Poured Plate	10	
CM0296	Methylene Blue Solution, For Microscopy, Concentrate According To Ehrlich, Concentrated, Aqueous Solution	250mL	

MICROBIOLOGY SWABS

CODE	DESCRIPTION	QTY	
PS3503	Swab, "Ridacheck", Indicator For Protein Residue For Hygiene Control	100	
PS0024	Swab Surface Protein Plus 3M "Clean Trace" No Instrument Required (100 Pack)	100	
PS3501	Swab Surface ATP 3M Clean Trace	100	

HYGIENE MONITORING – ATP METERS & SWABS

The novaLUM II ATP Detection System is a palm sized luminometer that offers excellent results for advanced sanitation control. It utilises a technologically advanced photomultiplier tube (PMT) that amplifies ATP (adenosine triphosphate) allowing detection of lower levels of microbial and organic contamination. This is a distinct advantage over systems that use less sensitive PMTs or photodiodes. The novaLUM II system's PMT has low noise, a greater dynamic range, a faster response time, and accuracy over a wider temperature range.

The novaLUM II system is easily customisable to your facility's needs. It has the ability to be programmed with the names of the specific tests you wish to perform, so you have a completely automated test plan. Different pass/ fail thresholds can be assigned to single test areas or to categories.

The novaLUM II system has enhanced onboard data analysis tools including the ability to search historical results and add corrective action results and to generate graphs for rapid analysis of Pass/Fail percentages for key areas of the plant. With built-in wireless connectivity these graphs can be emailed to key managers immediately after pre-op.

The novaLUM II system supports a variety of Charm ATP-based tests designed to strengthen hygiene monitoring programs and QA processes. These include the PocketSwab Plus swabs, FieldSwab, WaterGiene, and AllerGiene swabs.
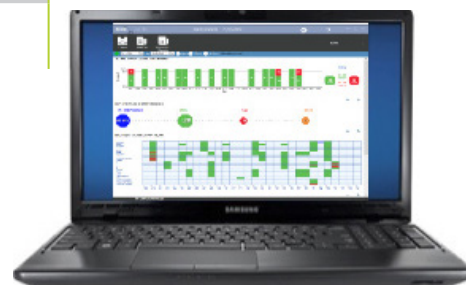
CODE	DESCRIPTION	QTY	
IM0216	Meter, novaLUM II Luminometer for ATP Detection	ea	
HS0169	Pocket Swab-Plus for ATP Monitoring, 100 Tests (for use with novaLUM II Luminometer from Charm)	100	

INDUSTRIES

- **Dairy**
- **Feed and Grain**
- **On the farm**
- **Food and beverage**
- **Water**
- **Healthcare**

We have a range of Charm products specialising in food hygiene and safety.

Contact us today for further information.

MICROBIOLOGY – AUTOCLAVE BAGS & TAPE

CODE	DESCRIPTION	QTY	
PA1183	Autoclave Bags, Guardian No.1, 195 x 128 x 50mm, Paper	1,000	
PA1175	Autoclave Bags, Guardian No.2, 340 x 200 x 30mm, Paper	500	
PA1179	Autoclave Bag Paper 340 x 250 x 60mm No.4	1,000	
PA1186	Autoclave Bag, Satchel Sterilope® No.10, 155 x 90 x 50mm, Paper	2,000	
PA1176	Autoclave Bag Paper 340 x 165 x 70mm No.13	500	
PA1188	Autoclave Bag Paper 440 x 202 x 98mm No.30	250	
PA1130	Autoclave Strips, 3M Sterigage Comply 1243B, 51mm x 19mm	100	
PA1165	Autoclave Indicator Tape 50m x 12mm	50m	
PA1150	Autoclave Indicator Tape 50m x 19mm	50m	
PI0014	Indicator Tape, Lead Free Steam Indicator Type, 55m x 24mm	55m	
PA1101	Autoclave Indicator Tape Yellow in Colour 19m x 50mm	ea	
PA0019	Autoclave Indicator Tape 55m x 13mm	ea	

EQUIPMENT

AUTOCLAVES

Table top autoclaves for your laboratory.
Small on footprint, big on features.

CODE	DESCRIPTION		
IA0162	Autoclave (Steam Steriliser), Bench-Top, Basic Unit "Laboklav 25V", Air Cooling With Integrated Steam Generator Vacuum System, Automatic Closing System, 25L Nominal Capacity - Can Fit Up To 5 x 1L Lab Bottles, 10 amp		

MIXERS, HOTPLATE STIRRERS & MANTLES

CODE	DESCRIPTION	QTY	
IS0152	Stirrer Magnetic Velp® MST up to 1100rpm, up to 5 Litres	ea	
IM2002	Magnetic Stirrer with Stand AC/DC Adapter and 2 Stirrer Bars Suitable for Beaker up to 1 Litre (MS-11C)	ea	
IM0079	Magnetic Stirrer Hotplate Velp® ARE 15L Capacity 230V 50Hz	ea	
IF2237	Magnetic Stirrer Hotplate Velp® Arec 15L Capacity up to 540°C 0-1300rpm Ceramic Top Plate 180 x 180mm	ea	
IV1085	Vortex Mixer ZX3	ea	
IH1180	Heating Mantle 250mL Temperature Controlled & Earthed	ea	
IH1190	Heating Mantle 500mL Temperature Controlled & Earthed	ea	
IH1195	Heating Mantle 1,000mL Temperature Controlled & Earthed	ea	

OVENS & INCUBATORS

CODE	DESCRIPTION		
IO0129	Oven Forced Air Convection Venticell 55 ECO, Ambient +10C Up To 250°C, Volume 55L, I.D. 400mm W x 370mm D x 350mm H, O.D. 620mm W x 640mm D x 680 mm H, Comes With 2 Chrome Plated Trays		
II0091	Incubator Forced Air Convection, Incucell V55 ECO, Ambient +10°C up to 99.9°C Volume 55L, I.D. 400mm W x 370mm D x 350mm H, O.D. 620mm W x 590mm D x 680mm H Comes with 2 Chrome Plated Trays		

REFRACTOMETERS

CODE	DESCRIPTION		
IR1620	Refractometer 0-32% BRIX with ATC Plastic Case		
IR1730	Refractometer Digital 0-85% BRIX Hand Held		
IR1732	Refractometer Hand Held Digital, 0-27 Baume 0-80°C		
IR1725	Refractometer Refracto 30PX 1.32-1.50 RI Mettler®		
IR0122	Refractometer, Benchtop, Benchtop Excellence R5		

TIMERS & COUNTERS

CODE	DESCRIPTION		
IT0240	Timer Clock Count-up/Count-down (Rowe)		
IT0336	Timer With Clock 4 Channel Digital (Rowe)		
IT0054	Timer With Clock 4 Channel Digital		

HACH® TURBIDIMETERS

CODE	DESCRIPTION	QTY	
IT0170	Hach® Turbidimeter TL2300 0-4000 NTU	ea	
IT2120	Hach® Turbidimeter Portable 2100Q including Stablcal Calibration Standard Sample Cells and Carry Case, US EPA Compliant	ea	

HACH SAMPLE CELLS & STANDARDS

CODE	DESCRIPTION	QTY	
KH1044	Hach® Sample Cells for 2100P and 2100Q Turbidimeters	6	
KH1043	Hach® Cells for 2100N Ratio Turbidimeter	6	
KH1230	Hach® Turbidity Standard Stablcal <0.1 20 200 1000 4000 NTU Ampoules for 2100N	kit	
KH1474	Hach® Stablcal Formazin Primary Standards Calibration Kit NTU Range < 0.1 20 100 800 (2100P)	set	
KH2455	Hach® Turbidity Standard Set Stablcal Sealed Vials for 2100Q	set	
KH0087	Hach Turbidity Standard, Stablcal 10 NTU for 2100Q, Sealed Vial	ea	

HACH® TURBIDIMETER ACCESSORIES

CODE	DESCRIPTION	QTY	
KH1058	Hach® Lamp Assembly for 2100N & 2100AN Turbidimeter	ea	
KH1907	Hach® Lamp Assembly for 2100P & 2100Q Turbidimeters	ea	
KH1402	Hach® Silicone Oil Odourless Colourless in Dropping Bottle	ea	

HACH® METERS

CODE	DESCRIPTION		
IM6700	Meter Multi-Parameter Digital Dual Input Model HQ40D without probes		
IM6760	Meter Multi-Parameter Digital Single Input Model HQ30D without probes		

HACH® SENSORS

CODE	DESCRIPTION		
IP5300	Probe Dissolved Oxygen LDO Intellical with 1m cable Hach®		
IP5303	Hach® Standard LDO Intellical Dissolved Oxygen Probe 3m Cable		
IP5302	Probe Rugged Dissolved Oxygen LDO Intellical with 5m cable Hach®		
IP5305	Probe Dissolved Oxygen LDO Intellical Rugged with 10m cable Hach®		

HACH® METER & SENSOR ACCESSORIES

CODE	DESCRIPTION		
KH10640	Hach® LDO Sensor Cap with Update Module for HQ30D and HQ40D meters		
IM6710	Rubber Sleeve for Hach® HQ Series Meters		

Orbisphere Hach 3100 LDO Portable Dissolved Oxygen Industrial kit

With Luminescent Dissolved Oxygen (LDO) technology integrated, this analyser is guaranteed to improve process efficiency and provide accurate dissolved oxygen measurements. Ideal for use in the beverage industries for both laboratory and process environments, it measures dissolved oxygen at ppb level.

- Ideal for wine, low carbonated and fizzy drinks
- Robust design for spot checks in the production plant
- Short analysis time; ideal for measurement in small packages
- No sample preparation; simple, safe measurements

CODE	DESCRIPTION
IO0211	Orbisphere 3100 Portable Oxygen Analyser LDO, Beverage Kit, Including Power Supply, 3m Inlet Tubing, Tool Kit, User Manual

InTap Portable Dissolved O$_2$ Analyser

Reliable, robust oxygen analysis for use throughout the production process

- Fast and precise. Measures accurately down to 2 ppb
- Ensure data safety throughout production via an inbuilt USB drive for added data redundancy
- Proven optical technology for reliable results. Used as standard within the beverage industry.
- Enhanced Bluetooth functionality enables connection to in-line DO sensors equipped with a T100 bluetooth tool.

CODE	DESCRIPTION
IO0212	O2 Analyser, InTap Portable Dissolved Oxygen

Starter ST400D Dissolved Oxygen Meter

A practical and affordable low-maintenance DO portable meter equipped with optical technology - ideal for applications that require simple yet accurate DO measurements.

- The optical probe requires minimal maintenance – frequent membrane replacement is not needed. Warming up and stirring samples when taking measurements is not required.
- Equipped with a colour LCD display, the ST400D is designed to fit comfortably in the palm of your hand. The automatic/manual endpoints enable easy recall of last calibration data and stored information with one touch.
- Simple calibration process offers quick delivery of measurements, and automatic temperature and barometric pressure compensation ensure accurate results.
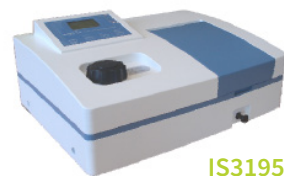
CODE	DESCRIPTION
IM0241	Meter DO (Luminescent), ATC Portable Includes ST400D Meter With STD021 Optical DO Probe And Portable Bag

EQUIPMENT

SPECTROPHOTOMETERS

CODE	DESCRIPTION		
IS0094	Spectrophotometer Visible 320-999nm Single Beam		
IS3195	Spectrophotometer UV/Visible UV-120 200-1000nm Miostech		
IS0290	Spectrophotometer UV/Visible UV-160 190-1100nm Miostech		

IS3195

ULTRASONIC BATHS

CODE	DESCRIPTION		
IU1395	Ultrasonic Bath FXP8M 1.5 Litres with Mechanical Timer, Basket size = 125 x 115 x 60mm		
IU1410	Ultrasonic Bath FXP10M 3.0 Litres with Mechanical Timer, Basket size = 210 x 110 x 75mm		
IU1430	Ultrasonic Bath FXP12M 5.3 Litres with Mechanical Timer, Basket size = 250 x 110 x 110mm		
IU1440	Ultrasonic Bath FXP14M 10.7 Litres with Mechanical Timer, Basket size = 260 x 200 x 100mm		

Basket Included

WATER BATHS

CODE	DESCRIPTION		
IW0138	Water Bath, 7L, Heated Ambient +5ºC to 100ºC, Digital Control, LED display, ID W133xD283xH145mm, Without Lid		
IW0140	Water Bath Lid Stainless Steel, Gabled for IW0138		
IW0139	Water Bath Lid Polycarbonate, Gabled for IW0138		
IW0129	Water Bath, 12L, Heated Ambient +5ºC to 100ºC with Digital Control Without Lid		
IW0131	Water Bath Lid Polycarbonate, Gabled for IW0129		
IW0130	Water Bath Lid, Stainless Steel Gabled for IW0129		
IW0123	Water Bath, 24L, Heated Ambient +5ºC To 100ºC With Digital Control Without Lid		
IP0696	Water Bath Lid Polycarbonate Gabled For IW0123		
IW0124	Lid, gabled, to suit IW0123 Bath, Stainless Steel		

VACUUM PUMPS

CODE	DESCRIPTION		
PW2850	Water Jet Vacuum Pump		
PV1700	Hand Operated Vacuum Pump With Gauge To fit 6mm Tubing		
IP1880	Pump Vacuum Diaphragm Type 18.4L/min Complete With Australian Plug		
IP1840	Pump Vacuum WOB-L Piston Oil-Free 38L/min 93.4mbar Model 2546 with Pressure Gauges		

HANNA® TITRATORS – pH/TA MINI TITRATOR & ACCESSORIES

CODE	DESCRIPTION	QTY	
IT0005	Titrator Total Acidity Mini for Wine Analysis	ea	
CS0035	Standard Calibration Total Titratable Acidity for pH/TA Titrator	120mL	
CT0025	Titrant Total Titratable Acidity for pH/TA Titrator	230mL	
PT0046	Titration Beakers, 100mL to suit Hanna Mini Models	10	

HANNA® TITRATORS – SO$_2$ MINI TITRATOR & ACCESSORIES

CODE	DESCRIPTION	QTY	
IT0004	Titrator Sulfur Dioxide Mini for Wine Analysis	ea	
CS0039	Stabiliser for SO$_2$ Titrator	100	
CS0036	Standard Calibration Sulfur Dioxide for SO$_2$ Titrator	120mL	
CS0038	Sulfur Dioxide Alkaline Reagent for SO$_2$ Titrator	120mL	
CR0002	Reagent Sulfur Dioxide Acid for SO$_2$ Titrator	230mL	
CT0026	Titrant Sulfur Dioxide High Range for SO$_2$ Titrator	230mL	

Designed for testing free or total sulfur dioxide (SO$_2$) levels in wine.

Based on the Ripper Method, the IT0004 mini titrator uses an optimised pre-programmed method of analysis with a powerful algorithm that determines the completion of the titration reaction by the use of a specialised ORP electrode.

The IT0004 incorporates a precision piston style dosing pump that adjusts the volume of dosing dynamically based on the voltage change. This dosing system reduces the amount of time required for the titration while providing for a highly accurate determination of the amount of titrant used.

The IT0004 is supplied complete with all the materials necessary to perform low and high range measurement of SO$_2$. All chemicals are premixed and prepackaged including standardised titrants, reagents and pump calibration.

Hanna Instruments represent easy to use, fast and affordable automatic titrators

METTLER TOLEDO® TITRATOR, EASY PLUS

Introducing the Easy Plus pH for Wineries

Exclusive to Rowe Scientific Pty Ltd

Affordable Swiss Technology specially designed for wineries.

With its small footprint, trusted Mettler Toledo quality components and super-simple installation and operation, the Easy Plus pH (IT0094) is a smart investment for any winery laboratory.

Key features:

- Simple pH/TA testing on 25mL samples of wine (or larger if preferred)
- Measures pH first then titrates to one pH end point (ie pH 8.2) and displays pH and TA in g/l results
- Easy Plus supplied with EG11 electrode
- iPhone style, colour touch screen for simple operation and calibration
- Colour coded tubing connectors with on screen guidance on how to connect them for simple self installation
- 20mL glass burette supplied as standard, plus magnetic stirrer.

IT0094

METTLER TOLEDO® TITRATOR, EASY PLUS

CODE	DESCRIPTION	QTY	
IT0094	Titrator Mettler Toledo® Easy Plus pH, with 20mL Burette And Eg11-BNC Basic pH Electrode and Compact Magnetic Stirrer	ea	
IE0980	Electrode pH Inlab Cool	ea	
IC0185	Cable Electrode Inlab Cool to Easy Plus pH S7-BNC, 1.2m Long Cable	ea	
IE1011	Electrode ATC (NTC 30K) Mettler®	ea	
PB1240	Beaker Titration 100mL Disposable Polypropylene	100	
IE1027	Electrode Storage Solution Friscolyt B	250mL	

FILTRATION

FILTER PAPER

| CODE	DESCRIPTION	QTY	
FF1100	Paper Filter 7.0cm Similar to Gr1 (MN615)	100	
FF1150	Paper Filter 9.0cm Similar to Gr1 (MN615)	100	
FF1200	Paper Filter 11.0cm Similar to Gr1 (MN615)	100	
FF2127	Paper Filter 11.0cm Whatman® 5	100	
FF2389	Paper Filter 11.0cm Similar to Gr5 (MN619)	100	
FF1300	Paper Filter 12.5cm Similar to Gr1 (MN615)	100	
FF1450	Paper Filter 15.0cm Similar to Gr1 (MN615)	100	
FF2300	Paper Filter 15.0cm Whatman® 5	100	
FF2401	Paper Filter 15.0cm Similar to Gr5 (MN619de)	100	
FF1700	Paper Filter 24.0cm Similar to Gr1 (MN615)	100	

GLASS FIBRE PRE-FILTERS

CODE	DESCRIPTION	QTY	
FF4627	Paper Filter Glass Fibre 4.7cm similar to Gr GF/A (MNGF-1)	100	
FF4128	Paper Filter Glass Fibre 4.7cm similar to Gr GF/C (MN GF-3)	100	
FF4680	Paper Filter Glass Fibre 4.7cm similar to Gr GF/D (MN GF-4)	100	
FF4629	Paper Filter Glass Fibre 4.7cm similar to GF/D (GD120)	50	
FF4585	Paper Filter Glass Fibre 4.7cm (DP70)	50	

MEMBRANE FILTERS

CODE	DESCRIPTION	QTY	
FF5011	Filter Membrane 13mm 0.8 Micron Mixed Cellulose White Gridded	100	
FF4336	Filter Membrane 13mm 0.45 Micron "Black" Gridded and Sterile Mixed Cellulose Esters	100	
FF0002	Filter Membrane 25mm 0.45 Micron White Membrane Black Gridded Mixed Cellulose Esters	200	
FF5251	Filter Membrane 25mm 0.45 Micron Gridded Mixed Cellulose Esters	100	
FF4246	Filter Membrane 47mm 0.45 Micron Cellulose Nitrate Sterile White with Black Grid	100	
FF0016	Filter Membrane White Membrane Black Gridded Sterile Individually Wrapped 47mm 0.45 Micron MCE	200	
FF4254	Filter Membrane 47mm 0.45 Micron Mixed Esters Cellulose Sterile White Gridded	600	
FF4337	Filter Membrane 47mm 0.45 Micron "Black" Gridded and Sterile Mixed Cellulose Esters	600	
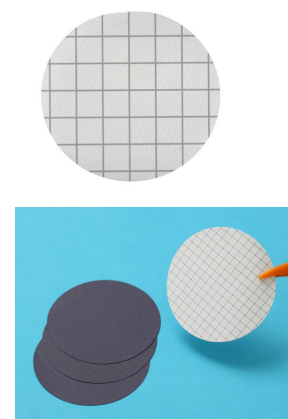
MACHEREY-NAGEL

FILTER-BIO

Whatman

Merck

FILTERABILITY

Filterability Index Unit (Manual)

Looking for a cost-effective way to measure wine filterability?

Our manual units are compact, robust, and provide the same calculated values as automated units. Completely mobile, they require only a gas connection.

CODE	DESCRIPTION	UNIT	
IF0143	Filterability Index Unit (Manual) For Wine, Only Requires A Gas Connection	ea	
FF0356	Filter Membrane 25mm 0.45 Micron PES	ea	

A proudly 100% Australian owned company supplying laboratories since 1987.

Order online at:

www.rowe.com.au

- ✔ One Stop Shop
- ✔ 100% Australian
- ✔ Online ordering
- ✔ Phone ordering
- ✔ Account Managers
- ✔ Leading Brands
- ✔ Chemicals
- ✔ Consumables
- ✔ Equipment

STANDARDS – AAS/ICP

CODE	DESCRIPTION	PACK SIZE	
CC0869	Copper 1ppm Standard Solution In 2% v/v HNO_3 (With Certificate)	500mL	
CI0257	Iron 10ppm Standard Solution In 2% v/v HNO_3 (With Certificate)	500mL	
CM3810	Manganese Standard Solution 1000ppm In 0.5mol/L Nitric Acid	500mL	
CP1141	Potassium 1000ppm Standard Solution in 2% v/v HNO_3 (With Certificate)	500mL	
CS1692	Sodium 300ppm Standard Solution In 2% v/v HNO_3 (With Certificate)	500mL	
CS1741	Sodium 1000ppm Standard Solution In 2% v/v HNO_3 (With Certificate)	500mL	
CS13845	Sodium Nitrate 1000ppm Standard Solution	500mL	

FILTRATION

SYRINGE FILTERS

CODE	DESCRIPTION	QTY	
FF7502	Filter Syringe 30mm 0.22 Micron Acetate Cameo 30A	50	
FF7514	Filter Syringe 30mm 0.45 Micron Acetate Cameo 30A	50	
FF0220	Filter Syringe 25mm 0.22 Micron MCE	100	
FF0221	Filter Syringe 25mm 0.45 Micron MCE	100	
FF7528	Filter Syringe 33mm 0.45 Micron PVDF Membrane Millex-Hv	1000	
FF0234	Filter Syringe 25mm 0.45 Micron PES	100	
FF7557	Filter Syringe 30mm 0.45 Micron PES With Glass Fibre Pre-Filter	1000	
FF3298	Filter Syringe 33mm 0.45 Micron PES Membrane Millex-Hp	1000	

STERIFIL CUPS & SWINNEX®

CODE	DESCRIPTION	QTY	
PF1174	Filter Holder Sterifil Funnel 500mL 47mm	ea	
PF0018	Filter Bottle Top, For 47mm Membrane, 500mL Chamber, GL45 Neck, Reusable, Polysulfone, Bottle Not Included, Barbed Fitting Accepts 6mm To 8mm ID Tubing	ea	
PF1202	Filter Holder with Receiver 47mm Polysulfone, 500mL funnel and receiver, Barbed Fitting Accepts 6mm to 8mm ID Tubing	ea	
PF1166	Filter Holder 13mm Swinnex®	10	
PF1162	Filter Holder 25mm Swinnex® 25	12	
PF1258	Filter Holder 47mm Swinnex®	ea	
PF1158	Filter Holder 47mm Swinnex® (JMAS109)	8	

GLASSWARE

ALCOHOL DISTILLATION APPARATUS – COMPLETE

CODE	DESCRIPTION	QTY	
VA1100	Alcohol Distillation Apparatus	set	
GQ4251	Flask 500mL Round Bottom 24/29 Socket Long Neck	ea	
GQ1387	Splash Head Vertical with 24/29 Socket and 24/29 Cone	ea	
GQ1885	Condenser Inland Revenue 24/29 Socket 200mm	ea	
GT1056	Adapter Receiver Straight 24/29 Socket 50mm Stem Length	ea	

BEAKERS

CODE	DESCRIPTION		PACK SIZE	
GB1660	Beaker Low Form Spouted Graduated 50mL Borosilicate Glass		10	
GB1810	Beaker Low Form Spouted Graduated 100mL Borosilicate Glass		10	
GB2060	Beaker Low Form Spouted Graduated 250mL Borosilicate Glass		10	
GB2310	Beaker Low Form Spouted Graduated 600mL Borosilicate Glass		ea	
GB2610	Beaker Low Form Spouted Graduated 1L Borosilicate Glass		ea	
GB2810	Beaker Low Form Spouted Graduated 2L Borosilicate Glass		ea	
GB3210	Beaker Tall Form Spouted Graduated 100mL Borosilicate Glass		ea	

GLASSWARE

BOTTLES LABORATORY

CODE	DESCRIPTION	UNIT PRICE	PACK SIZE	
GB7910	Bottle Laboratory with Blue Screw Cap 100mL Borosilicate Glass		10	
GB7955	Bottle Laboratory with Blue Screw Cap 250mL Borosilicate Glass		10	
GB8005	Bottle Laboratory with Blue Screw Cap 500mL Borosilicate Glass		10	
GB8055	Bottle Laboratory with Blue Screw Cap 1L Borosilicate Glass		ea	
GB8105	Bottle Laboratory with Blue Screw Cap 2L Borosilicate Glass		ea	

BOTTLES MEDICINAL AND REPLACEMENT CAPS

CODE	DESCRIPTION	PACK SIZE	
GB8315	Bottle Medicinal 100mL Clear Glass with 24mm White Poly Cap	128	
GB8321	Bottle Medicinal 200mL Clear Glass with 24mm White Poly Cap	80	
PC1299	Cap 24mm White Polypropylene	ea	

CARBODOSEUR CO₂ MEASUREMENT

CODE	DESCRIPTION	QTY	
GC2699	Carbodoseur, Modified 100mL Measuring Cylinder with 24/29 Socket and GL14 Opening and 7mm OD Glass Tube	ea	
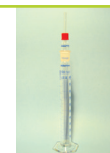
CYLINDER MEASURING – GLASS BASE

CODE	DESCRIPTION	QTY	
GC1107	Cylinder Measuring 'A' Class Tall Form Spouted 50mL Glass with Hexagonal Base	ea	
GC1166	Cylinder Measuring 'A' Class Tall Form Spouted 100mL Glass with Hexagonal Base	ea	
GC1208	Cylinder Measuring 'A' Class Tall Form Spouted 250mL Glass with Hexagonal Base	ea	
GC1276	Cylinder Measuring 'A' Class Tall Form Spouted 500mL Glass with Hexagonal Base	ea	
GC1286	Cylinder Measuring 'A' Class Tall Form Spouted 1L Glass with Hexagonal Base	ea	

CYLINDER MEASURING – PLASTIC BASE

CODE	DESCRIPTION	QTY	
GC9004	Cylinder Measuring Tall Form Spouted 50mL Glass with Red Polypropylene Base	ea	
GC9005	Cylinder Measuring Tall Form Spouted 100mL Glass with Orange Polypropylene Base	ea	
GC9006	Cylinder Measuring Tall Form Spouted 250mL Glass with Yellow Polypropylene Base	ea	
GC9007	Cylinder Measuring Tall Form Spouted 500mL Glass with Light Blue Polypropylene Base	ea	
GC9008	Cylinder Measuring Tall Form Spouted 1L Glass with Purple Polypropylene Base	ea	

GLASSWARE

CYLINDER MEASURING – PLASTIC BASE WITH STOPPER

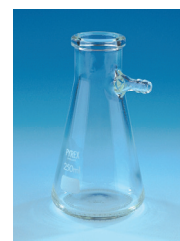| CODE	DESCRIPTION	QTY	
GM9002	Cylinder Measuring 50mL Polyethylene Stopper & Red Polypropylene Base, Blue Graduations Glass	ea	
GC9010	Cylinder Measuring 100mL Polyethylene Stopper & Blue Polypropylene Base, Graduations Glass	ea	
GC9011	Cylinder Measuring 250mL Polyethylene Stopper & Yellow Polypropylene Base, Blue Graduations Glass	ea	
GC9012	Cylinder Measuring 500mL Polyethylene Stopper & Blue Polypropylene Base, Graduations Glass	ea	
GC9013	Cylinder Measuring 1L Polyethylene Stopper & Purple Polypropylene Base, Blue Graduations Glass	ea	

FLASKS – ERLENMEYER

CODE	DESCRIPTION	PACK SIZE	
GF1710	Flask Erlenmeyer Narrow Neck Rimmed 100mL Borosilicate Glass	10	
GF1855	Flask Erlenmeyer Narrow Neck Rimmed 250mL Borosilicate Glass	10	
GF2805	Flask Erlenmeyer Wide Neck Rimmed 250mL Borosilicate Glass	10	
GF2010	Flask Erlenmeyer Narrow Neck Rimmed 500mL Borosilicate Glass	10	
GF2160	Flask Erlenmeyer Narrow Neck Rimmed 1L Borosilicate Glass	ea	
GF2215	Flask Erlenmeyer Narrow Neck Rimmed 2L Borosilicate Glass	ea	

FLASKS – FILTER

CODE	DESCRIPTION	QTY	
GF3162	Flask Filter 250mL Borosilicate Neck ID Approx 34mm with 10mm Side Arm Vacuum	ea	
GF3270	Flask Filter (Vacuum) With 10mm Glass Side Hose Connection, Neck I.D. 35mm, 500mL Glass	ea	
GF3310	Flask Filter 1L With 10mm Glass Side Arm And 45 mm Neck ID	ea	

FLASKS VOLUMETRIC

CODE	DESCRIPTION	QTY	
GF9004	Flask 50mL Volumetric 'A' Class Blue Graduations With Plastic Stopper Neck 12/21 Borosilicate Glass	ea	
GF9006	Flask 100mL Volumetric 'A' Class Blue Graduations With Plastic Stopper Neck 12/21 Borosilicate Glass	ea	
GF9007	Flask 250mL Volumetric 'A' Class Blue Graduations With Plastic Stopper Neck 14/23 Borosilicate Glass	ea	
GF9008	Flask 500mL Volumetric 'A' Class Blue Graduations With Plastic Stopper Neck 19/26 Borosilicate Glass	ea	
GF9009	Flask 1L Volumetric 'A' Class Blue Graduations With Plastic Stopper Neck 24/29 Borosilicate Glass	ea	
GF9011	Flask 2L Volumetric 'A' Class Blue Graduations With Plastic Stopper Neck 29/32 Borosilicate Glass	ea	

MARKHAM STILL & ACCESSORIES

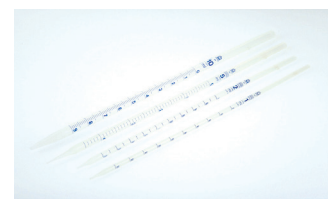| CODE	DESCRIPTION	QTY	
VM1000	Markham Still Apparatus Complete with 1L Round Bottom Flask 24/29 Neck	ea	
GQ3067	Flask Boiling Flat Bottom 1L 34/35 Neck Joint with Side Outlet	ea	
GQ1153	Flask Erlenmeyer 1L 24/29 Neck (approx. 220mm high)	ea	
GS1012	Markham Still Body Only with Ball Joint to Connect to Splash Head	ea	
GS1013	Still Part Plug for Selliar Tube on Markham Still	ea	
GQ5425	Stopper Glass 14/23 Cone Both Ends Closed	ea	
GQ5390	Stopper Glass 24/29	ea	
GT5910	Tube Sellier For Determination Of Volatile Acids in Wine 24/29 Socket to 34/35 Cone	ea	

VM1000
Markham still appartus complete with 1L round bottom flask

PIPETTES GRADUATED

CODE	DESCRIPTION	QTY	
GP9001	Pipette Graduated 'AS' Grade 1mL with 0.01mL Graduations	ea	
GP9002	Pipette Graduated 'AS' Grade 2mL with 0.02mL Graduations	ea	
GP9003	Pipette Graduated 'AS' Grade 5mL with 0.05mL Graduations	ea	
GP9005	Pipette Graduated 'AS' Grade 10mL with 0.1mL Graduations	ea	
GP2002	Pipette Graduated 'AS' Grade 20mL with 0.1mL Graduations	ea	
GP2052	Pipette Graduated 'AS' Grade 25mL with 0.1mL Graduations	ea	

PIPETTES VOLUMETRIC

CODE	DESCRIPTION	UNIT PRICE (EA)	PACK SIZE	
GP9010	Pipette Volumetric 'AS' Grade 1mL		12	
GP9011	Pipette Volumetric 'AS' Grade 2mL		12	
GP9014	Pipette Volumetric 'AS' Grade 5mL		12	
GP9015	Pipette Volumetric 'AS' Grade 10mL		6	
GP9017	Pipette Volumetric 'AS' Grade 20mL		6	
GP9008	Pipette Volumetric 'AS' Grade 25mL		6	
GP9020	Pipette Volumetric 'AS' Grade 50mL		ea	

TILT/KIPPS MEASURE

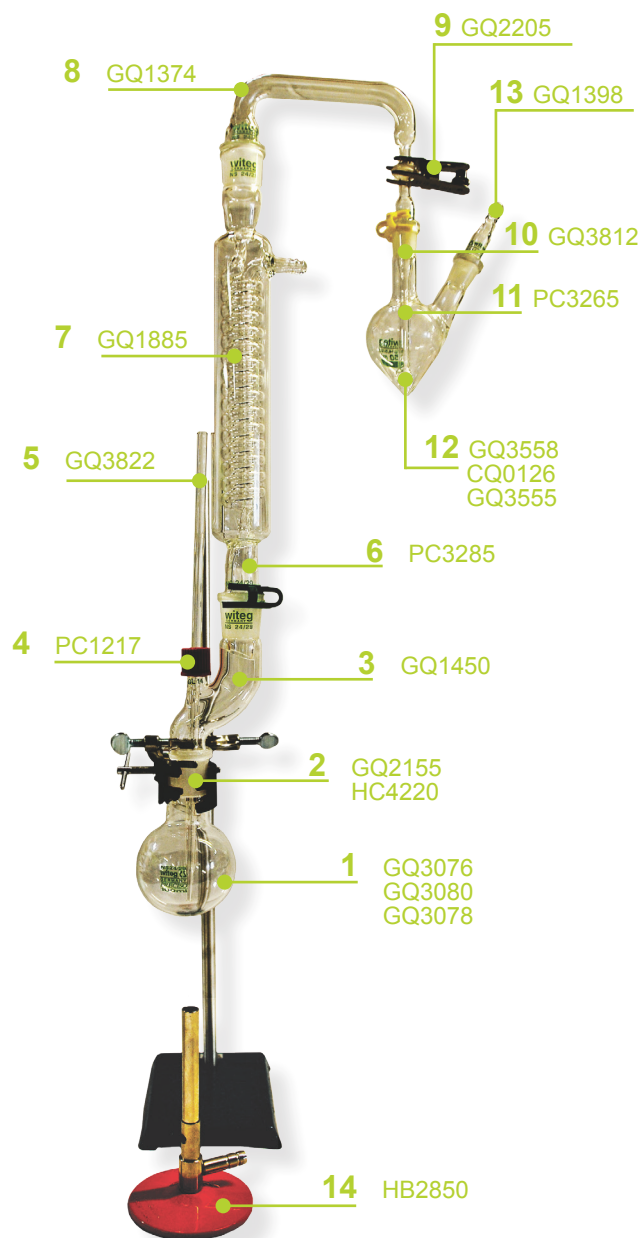| CODE	DESCRIPTION	QTY	PRICE
GQ1130	Flask Erlenmeyer 250mL 24/29 Socket (Flask for Tilt/Kipps Measure)	ea	
DL8210	Tilt/Kipps Measure 10mL	ea	
DL8200	Tilt/Kipps Measure 5mL	ea	

CarltonGlass Company Australia

witeg

GLASSWARE

	CODE	DESCRIPTION	QTY	
1	GQ3076	Flask **Flat** Bottom 100mL 24/29 Short Neck (approx 105mm High)	ea	
	GQ3080	Flask **Round** Bottom 100mL 24/29 Medium Neck (Approx 150mm high)	ea	
	GQ3078	Flask **Round** Bottom 100mL 24/29 Short Neck (Approx 110mm High)	ea	
2	GQ2155	Clamp Joint 24/29 PTFE	ea	
	HC4220	Clip Keck Metal/Nickel 24/29	ea	
3	GQ1450	Adaptor Swan Neck 24/29 Cone 24/29 Socket with Screw Thread Joint Size 14 6mm ID	ea	
4	PC1217	Cap Screw with Silicone Seals for Swan Neck Adaptor	ea	
5	GQ3822	Gas Bubbler to Suit Swan Neck Adaptor 270mm Long	ea	
6	PC3285	Connector Keck Clip Green 24/29	ea	
7	GC0030	Condenser Inland Revenue 200mm 24/29 Socket (As Shown)	ea	
	GQ1885	Condenser Inland Revenue 200mm 24/29 Socket (CGC)	ea	
8	GQ1374	Splash Head SO₂ One Piece 24/29 & S13 Joints	ea	
9	GQ2205	Clip to Fit S13 Spherical Joint	ea	
10	GQ3812	Tube Jointed Bubbler for Rankine 14/23 Cone S13 Cup (approx 150mm high)	ea	
11	PC3265	Connector Keck Clip Yellow Polypropylene 14/23	ea	
12	GQ3558	Flask 50mL Pear Shaped 2 Neck 14/23 Socket for Rankine Apparatus (Approx 117mm high)	ea	
	CQ0126	Flask 50mL Pear Shaped 2 Neck 14/23 Socket "Quickfit"	ea	
	GQ3555	Flask 50mL Pear Shaped 2 Neck 14/23 Socket for Rankine Apparatus (approx 117mm High) (CGC)	ea	
13	GQ1398	Adaptor Cone Tubing 14/23 Cone 9mm OD Nipple	ea	
	GQ1459	Adaptor Cone/Flexible Tubing 14/23 9mm OD Right Angled with Plastic Hose Connector (Not Pictured)	ea	
14	HB2850	Burner Bunsen 11mm OD LPG 135mm High	ea	
	HB2707	Bunsen Burner, Electric with MC5 Controller **OPTIONAL**	ea	
15	VR1001	Rankine® Appartus Complete (Items 1 To 13)	set	
	VR1000	Rankine® Appartus Complete (Items 1 To 13) (CGC)	set	

8 GQ1374
9 GQ2205
13 GQ1398
7 GQ1885
10 GQ3812
11 PC3265
5 GQ3822
12 GQ3558 CQ0126 GQ3555
6 PC3285
4 PC1217
3 GQ1450
2 GQ2155 HC4220
1 GQ3076 GQ3080 GQ3078
14 HB2850

15 Items 1-13 (VR1001) complete appartus

14 HB2850 Bunsen Burner not included
HB2707 Bunsen Burner not included
(shown below)

BENCH PAPER & WIPES

FK1002	Kimwipes® 12 x 21cm Fine Grade Low Lint 280/Pk	ea	
FK1008	Kimwipes® 12 x 21cm Fine Grade Low Lint 280/Pk	30	
HM0170	Matt Bench Paper 4 Ply Plastic Backed 41.5cm x 91m (2911)	1 roll	
HM1290	Matt Bench Paper 4 Ply Plastic Backed 41.5cm x 91m (2911)	2 rolls	
FL1025	Paper Bench Lab-Top 50m x 60cm Roll Polyethylene Coated	ea	
FT1020	Tissues Kleenex® 4715 (Box of 200)	24	

BOAT WEIGHING

PW2980	Boat Weighing Polystyrene (White) 56 x 85 x 14.5mmH 30mL	500	
PW3020	Boat Weighing Polystyrene (White) square 80 x 80 x 24mmD 100mL	1,000	
PB0306	Boat Weighing (White) Anti-Static Square 41x41mm Polystyrene Biologically Inert	500	
PB0307	Boat Weighing (White) Anti-Static Square 89x89mm, Polystyrene, Biologically Inert	500	

BOSSHEAD HOLDER & RETORT CLAMPS

CODE	DESCRIPTION	QTY	
HB1100	Bosshead Hold 16mm Diameter	ea	
HR1000	Retort Clamp 4-Prong 2-70mm	ea	
HR1010	Retort Clamp 4-Prong With Corklined Jaws Aluminium Diecast	ea	
HR3300	Retort Stand 20 x14cm Base + 60cm Rod	ea	
HR3304	Retort Stand, 22x15cm PP Base + Plastic Coated Rod	ea	
PR0091	Retort Stand, Base 22x15cm, Central Position Rod, Polypropylene Base + Stainless Steel Rod	ea	
PB1250	Burette Clamp Double Plastic	ea	
PB0310	Burette Clamp Single Polypropylene, Autoclavable	ea	
PB0309	Burette Clamp Double Polypropylene, Autoclavable	ea	

PARAFILM®

BRAND

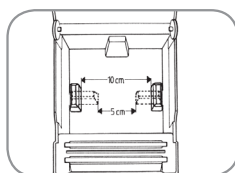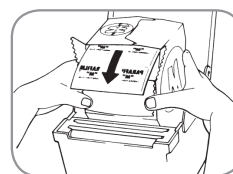| CODE	DESCRIPTION	QTY	
PP1200	Parafilm® 5cm Wide 75m Long	75m	
PP1250	Parafilm® 10cm Wide 38m Long	38m	
CB2023	Parafilm M Cutter Suits Both Size Rolls	ea	

PARAFILM® M Cutter

Easy to set-up
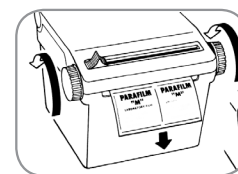Easy to use
Efficient and time saving
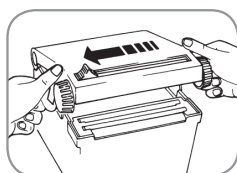
1. Before opening the cutter move the blade carriage to the stop on the left. Lift both lateral tongues to open.

2. Adjust the fitting rackets to the width of the roll.

3. Open the film carton and pull out the film. Insert the box into the cutter.

4. Turn the handwheels backwards until desired length of film appears. Cut the film by moving the blade carriage across.

HARDWARE

BRUSHES – TEST TUBE

CODE	DESCRIPTION	QTY	
HB1698	Brush Test Tube 6D x 100L x 300mm Total Fan End	ea	
HB1850	Brush Test Tube 15D x 80L x 300mm Total Fan End	ea	
HB1930	Brush Test Tube 20D x 100L x 300mm Total Fan End	ea	
HB1950	Brush Test Tube 26D x 80L x 300mm Total Fan End	ea	
HB2100	Brush Test Tube 45D x 110L x 340mm Total Fan End	ea	

BUNSEN BURNERS

CODE	DESCRIPTION	QTY	
HB2850	Burner Bunsen 11mm OD LPG 135mm High	ea	
HB2707	Bunsen Burner Electric with MC5 Controller 800 to 1000ºC 230V	ea	

CENTRIFUGE TUBES, CONTAINERS & PETRI DISHES

CODE	DESCRIPTION	QTY	
PP1194	Dish Petri Gamma Sterile Vented 60mm Polystyrene	1000	
PP1123	Dish Petri Gamma Sterile Vented 90mm Polystyrene	600	
PV1585	Container 70mL with Cap 44mmH x 57mmD Polypropylene	550	
PC0015	Container 70mL with Cap 44mmH x 57mmD Polypropylene Sterile	550	
PC0037	Container 120mL with Cap 108mmH x 44mmD Polystyrene	264	
PC0038	Container 120mL with Cap 108mmH x 44mmD Polystyrene Sterile	264	
PV1630	Container 250mL with Cap 100mmH x 65mmD Polystyrene	147	
PV1655	Container 500mL with yellow Cap Polystyrene Sterile	72	
PT1680	Tube, 10mL Flat Bottom Screw Cap Natural Unlabelled 97mmH x 16mmD Polystyrene	1000	
PT1669	Tube Microcentrifuge, 1.5mL, Graduated with Conical Bottom and Hinged Lid	500	
PT1208	Tube Centrifuge, 10mL Conical Base Screw Cap Natural Unlabelled Graduated 103mmH x 16mmD Polypropylene	1000	
PT0223	Tube Centrifuge 15mL Non Sterile Conical Bottom 120mm H x 16mm D Polypropylene	500	
PT1771	Tube Centrifuge 15mL Sterile Conical Bottom 120mm H x 16mm D Polypropylene	500	
PT0099	Tube Centrifuge, Conical Bottom, 50mL, 115mmH x 30mmD Graduated Polypropylene, Blue Cap, Tubes And Cap Separate	500	
PT1170	Tube Centrifuge 50mL, Sterile Conical Bottom 115mmH x 28mmD Polypropylene	500	
PT1140	Tube Centrifuge 50mL, Sterile Conical Bottom 115mmH x 30mmD Polypropylene (Greiner)	500	

CUPS SAMPLE KONELAB®

CODE	DESCRIPTION	QTY	
PA1020	Auto Analyser Cup Caps Konelab®	1,000	
PS1008	Sample Cup 2mL Polystyrene V Bottom Skirted Base Konelab®	1,000	

HARDWARE

DRAINING RACKS

CODE	DESCRIPTION	QTY	
HW14738	Draining Rack Free Standing 36 Position, 360W x 500H x 300Dmm White Plastic Coated	ea	
PD1600	Draining Rack Wall Mounted Polystyrene, 72 Position 450 x 630 x 110mm	ea	
HW1200	Draining Rack Wall Mounted Plastic Coated Wire 570 x 620mm with Basket	ea	
PD0027	Drying Rack 30 Removable Pegs Wall Mounted With Trough And Drain Steel/ Polyester	ea	
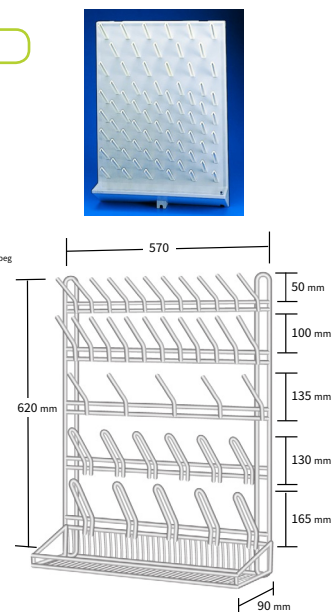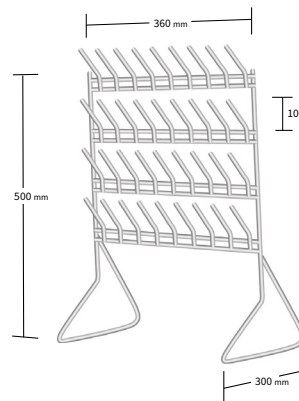
FILLER PIPETTE & PI – PUMPS

CODE	DESCRIPTION	QTY	
HP1505	Filler Pipette 3 Valve for Pipettes up to 25mL Red Rubber	ea	
HP1455	Filler Pipette 3 Valve Long for all size Pipettes Red Rubber	ea	
HP1650	Pi-Pump to 10mL (Green)	ea	
HP1700	Pi-Pump to 25mL (Red)	ea	
DP0094	Pipette Filler "Levo Plus", 0.1-100mL	ea	
DP0099	Pipette Controller "Levo", 0.1-100mL, Blue	ea	
FF7591	Replacement Filter for Witeg® Electric Pipette Filler	pk 5	

HP1700

DP0094

HP1455

SYRINGES

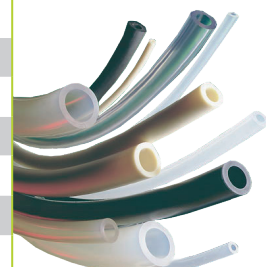| CODE	DESCRIPTION	QTY	
PS1611	Syringe 1mL Luer® Slip Single Use	100	
PS1650	Syringe 3mL Luer® Slip Single Use	100	
PS1750	Syringe 5mL Luer® Slip Single Use	100	
PS1850	Syringe 10mL Luer® Slip Eccentric Tip Single Use	100	
PS1951	Syringe 20mL Luer® Slip Eccentric Tip Single Use	50	
PS1973	Syringe 30mL Luer® Slip Single Use Eccentric Tip	50	
PS2052	Syringe 50mL Single Use Luer® Slip Eccentric Tip (graduated to 60mL)	20	

HARDWARE

TUBING

CODE	DESCRIPTION	QTY	
PT3450	Tubing Rubber 8mm ID x 2.5mm Wall 13mm OD	per/m	
PT3578	Tubing Silicone 6mm ID x 1.5mm Wall 9mm OD	10m	
PT3588	Tubing Silicone 8mm ID x 2mm Wall 12mm OD	10m	
PT3597	Tubing Silicone 10mm ID x 2mm Wall 14mm OD	10m	
PT3607	Tubing Silicone 12mm ID x 2.5mm Wall 17mm OD	10m	
PT2660	Tubing Vinyl Clear 3mm ID x 1mm Wall 5mm OD	per/m	
PT2750	Tubing Vinyl Clear 5mm ID x 1.5mm Wall 8mm OD	per/m	
PT2850	Tubing Vinyl Clear 8mm ID x 1.5mm Wall 11mm OD	per/m	

VIAL & CAPS

CODE	DESCRIPTION	QTY	
GV1045	Vial Sample Glass Screw Cap 25mm x 95mm without Cap	144	
PC1223	Cap Black Phenolic PTFE Insert 22-400 thread for GV1045	144	

KIMBLE CHASE

HYDROMETERS & THERMOMETERS

HYDROMETERS & THERMOMETERS

CODE	DESCRIPTION	QTY	
GA1100	Alcoholmeter 0-20% 0.2ºC Sub Div @ 20ºC to AS2371 Carlton Glass®	ea	
GH1780	Hydrometer Baume -2-10ºC in divisions of 0.1 Length 260mm Carlton Glass®	ea	
GH1790	Hydrometer Baume 10-20ºC in divisions of 0.1 Length 260mm Carlton Glass®	ea	
GH0025	Hydrometer Baume -2-10ºC In divisions of 0.1 Length 280mm	ea	
GH2000	Hydrometer Baume 10-20ºC in divisions of 0.1 Length 280mm	ea	
GH2005	Hydrometer Baume 0-15ºC in divisions of 0.1 Length 280mm	ea	
GT4750	Thermometer -10/110/1.0ºC Red Spirit 76mm Immersion 305mm Long	ea	
GT4810	Thermometer -10/50 x 0.5ºC Red Spirit 76mm Immersion 305mm Long	ea	
GT4865	Thermometer -10/50 x 0.5ºC Red Spirit 76mm Immersion 305mm Long	ea	
IT0337	Thermometer Pocket -50-300ºC x 0.1ºC (Rowe)	ea	
IT1389	Thermometer Pocket -50-300ºC x 0.1ºC	ea	
IT0248	Thermometer Desk Top Records Minimum/Maximum Inside and Out -50/70ºC (Rowe brand)	ea	

CarltonGlass Company Australia
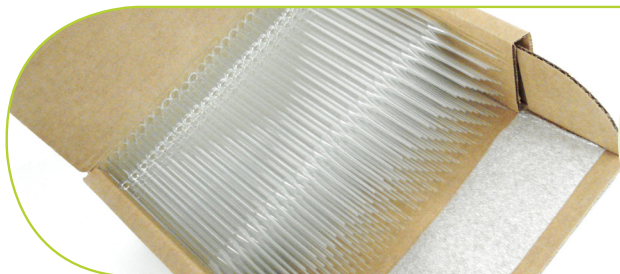
LIQUID HANDLING

BURETTES - DIGITAL

CODE	DESCRIPTION	QTY	
DB1040	Burette Digital 50mL Titrex® Witeg®	ea	
DB1079	Burette Digital 25mL Titrette with Recirculating Valve BRAND™	ea	
DB1080	Burette Digital 50mL Titrette with Recirculating Valve BRAND™	ea	

BURETTES - GLASS

CODE	DESCRIPTION	QTY	
GB9065	Burette Dr Schilling 25mL 'B' Class Complete with Plastic Bottle With Screw Cap & Plastic Foot	ea	
GB9080	Burette Dr Schilling 50mL 'B' Class Complete with Plastic Bottle With Screw Cap & Plastic Foot	ea	
GB9001	Burette Schellbach Blue Graduations With PTFE Stopcock Class 'AS' 25mL x 0.05mL Borosilicate Glass	ea	
GB9003	Burette Schellbach Blue Graduations With PTFE Stopcock Class 'AS' 50mL x 0.10mL Borosilicate Glass	ea	

LABMAX™ BOTTLE TOP DISPENSERS

CODE	DESCRIPTION	QTY	
DD1177	Dispenser Labmax 1-5mL Airless Suitable for Acids (not HF) and Solvents	ea	
DD1171	Dispenser Labmax 1-10mL Airless Suitable for Acids (not HF) and Solvents	ea	
DD1173	Dispenser Labmax 5-25mL Airless Suitable for Acids (not HF) and Solvents	ea	
DD1178	Dispenser Labmax 10-50mL Airless Suitable for Acids (not HF) and Solvents	ea	

BRAND™ BOTTLE TOP DISPENSERS

CODE	DESCRIPTION	QTY	
DD0034	Dispensette S, Analog-Adjustable 0.5-5mL x 0.1mL	ea	
DB0018	BRAND™ Dispensette S Analog-Adjustable 1-10mL x 0.2mL	ea	
DD0035	Dispensette S Analog-Adjustable 2.5-25mL X 0.5mL	ea	
DB0019	Dispensette S Analog-Adjustable 5-50mL x 1.0mL	ea	
DB0022	Dispensette S Digital 0.5-5mL	ea	
DD0017	Dispensette S Digital, 1-10mL,	ea	
DB0014	Dispensette S Digital 2.5-25mL	ea	
DD0025	Dispensette S Digital 5-50mL	ea	

BRAND™ PIPETTOR STARTER KITS

CODE	DESCRIPTION	QTY	
DP0075	Pipettor Set Transferpette S, Standard Starter Kit, Consists Of: 3 Pipettes (10uL, 100uL & 1000uL Variable Type), 3 x Tipbox Filled, 3 Shelf/Rack Mounts	ea	
DP0074	Pipettor Set Transferpette S, MIDI Starter Kit, Consists Of: 3 Pipettes (20uL, 200uL & 1000uL Variable Type), 3 x Tipbox Filled, 3 Shelf/Rack Mounts	ea	
DP4922	Pipettor Set Transferpette S, Macro Starter Kit, Consists Of: 3 Pipettes (1000uL, 5000uL & 10000uL Variable Type), 3 x Tipbox Filled, 3 Shelf/Rack Mounts	ea	

LIQUID HANDLING

BRAND™ PIPETTORS

DP0062	Pipettor, Transferpette S, 0.5-10uL Adjustable Volume, BRAND™	ea	
DP0063	Pipettor, Transferpette S, 2-20uL Adjustable Volume, BRAND™	ea	
DP0047	Pipettor, Transferpette S, 10-100uL Adjustable Volume, BRAND™	ea	
DP0056	Pipettor, Transferpette S, 20-200uL Adjustable Volume, BRAND™	ea	
DP0057	Pipettor, Transferpette S, 100-1000uL Adjustable Volume, BRAND™	ea	
DP2148	Pipettor, Transferpette S, 500-5000uL Adjustable Volume, BRAND™	ea	

EPPENDORF™ PIPETTORS

CODE	DESCRIPTION	QTY	
DL4742	Pipettor Eppendorf Research Plus 0.5-10uL	ea	
DL4790	Pipettor Eppendorf Research Plus Variable Volume 10-100uL	ea	
DL4782	Pipettor Eppendorf Research Plus Variable Volume 20-200uL	ea	
DL4749	Pipettor Eppendorf Research Plus Variable Volume 100-1000uL	ea	
DL4762	Pipettor Eppendorf Research Plus Variable Volume 0.5-5mL Violet Button	ea	
DL4738	Pipettor Eppendorf Research Plus Variable Volume 1-10mL	ea	
DE0001	Eppendorf Research Plus Pipette 3-Pack 0.5-10uL 10-100uL 100-1000uL	set	
DP0079	Pipettor Eppendorf Research Plus Pack Includes 2-20uL 20-200uL & 100-1000uL Pipettors Plus Tips & Holder	set	
DL4773	Pipettor Eppendorf Variable Research Pack Option 3 Includes The Following 1 x 100-1000uL Variable Volume 1 x 500-5000uL Variable Volume And 1 x 1-10mL Variable Volume	set	
DL4773	Pipettor Eppendorf Variable Research Pack Option 3 Includes The Following 1 x 100-1000uL Variable Volume 1 x 500-5000uL Variable Volume And 1 x 1-10mL Variable Volume	set	

eppendorf

RAININ™ LTS SHAFT PIPETTORS & TIPS

CODE	DESCRIPTION	QTY	
IP0012	Pipettor Rainin™ 2-20 Microlitre LTS L-20XLS+	ea	
DP4954	Pipettor Rainin™ 10-100µL Pipet-Lite L-100XLS+ with RFID and LTS Shaft	ea	
IP0011	Pipettor Rainin™ 20-200µL Pipet-Lite L-200XLS+ with RFID and LTS Shaft	ea	
DT4945	Tip Pipette Rainin™ LTS 20-200µL RC-L250 Bulk Pack	1,000	
IP0007	Pipettor Rainin™ 100-1000µL Pipet-Lite L-1000XLS+ with RFID and LTS Shaft	ea	
DL3037	Tip Pipette Rainin™ LTS 100-1000µL RC-L1000 Bulk Pack	1,000	
DP4978	Pipettor Rainin™ 500-5000µL Pipet-Lite L-5000XLS with RFID and LTS Shaft	ea	
DT4912	Tip Pipette Rainin™ LTS 500-5000uL RC-L5000 Bulk Pack	1,000	
DP4979	Pipettor Rainin™ 1-10mL Pipet-Lite L-10MLXLS with LTS Shaft	ea	
DT4913	Tip Pipette Rainin™ LTS 1-10mL RC-L10mL	200	
DP4901	Pipettor Rainin™ 2-20mL Pipet-Lite with LTS Shaft	ea	
DT4911	Tip Pipette Rainin™ LTS 2-20mL RC-L20mL	100	

RAININ
Pipet-Lite

AVAILABLE IN:

XLS – Traditional pipetting.

LTS – Cylindrical tip and shaft for low force pipetting.

- The World's first pipette family to be equipped with Radio Frequency Identification Device (RFID) tags for advanced calibration tracking.

- Choose the Lite-Touch pipetting system (LTS) to dramatically reduce the repetitive stress of tip ejection.

- Dry seal system – No greasing required.

LIQUID HANDLING

RAININ™ STANDARD SHAFT PIPETTORS & TIPS

CODE	DESCRIPTION	QTY	
IP0019	Pipettor Rainin™ 10-100µL Pipet-Lite XLS SL-100XLS+	ea	
IP0023	Pipettor Rainin™ 20-200µL Pipet-Lite XLS SL-200XLS+	ea	
DT4904	Tips to Suit Standard Shaft Rainin™ 200µL Pipettors	1,000	
IP0018	Pipettor Rainin™ 100-1000µL Pipet-Lite XLS SL-1000XLS+	ea	
DL4914	Tip Pipette Rainin™ Universal 100-1000µL RC-100	1,000	
DP4906	Pipettor 500-5000µL Pipet-Lite Universal Fit	ea	
DL4938	Tip Pipette Rainin™ Universal 500-5000µL RC-5000	1,000	
DP4928	Pipettor Rainin™ 1-10mL Pipet-Lite SL-10mL XLS	ea	
DT4935	Tip Pipette Rainin™ Universal 1-10mL RC-10mL	200	

RAININ™ PIPET-LITE RESEARCH

CODE	DESCRIPTION	QTY	
IP0077	Pipettor Rainin™ 0.5-10µL Pipet-Lite Research SL-10PL	ea	
IP0078	Pipettor Rainin™ 2-20µL Pipet-Lite Research SL-20PL	ea	
IP0073	Pipettor Rainin™ 10-100µL Pipet-Lite Research SL-100	ea	
IP0079	Pipettor Rainin™ 20-200µL Pipet-Lite Research SL-200	ea	
DP0031	Pipettor Rainin™ 100-1000µL Pipet-Lite Research SL-1000	ea	
DP0032	Pipettor Rainin™ 500-5000µL Pipet-Lite Research SL-5000	ea	
IP0081	Pipettor Rainin™ 1mL-10mL Pipet-Lite Research SL-10mL	ea	

RAININ
Pipet-Lite Research

Accurate and precise
Magnetic Assist helps locate and hold the zero position before aspiration.

Ergonomic design
Optimal handling comfort for long pipetting days

Reduced thumb impact
Silicone shock absorber reduces impact

DLAB MICRO PIPETTORS

CODE	DESCRIPTION	QTY	
DP0114	Pipettor Dlab 2-20µL, Autoclavable Micropette Plus	ea	
DP0116	Pipettor Dlab 10-100µL, Autoclavable Micropette Plus	ea	
DP0104	Pipettor, Dlab 20-200µL Single-Channel, Adjustable Volume, Autoclavable, Micropette Plus	ea	
DP0105	Pipettor, Dlab 100-1000µL Single-Channel, Adjustable Volume, Autoclavable, Micropette Plus	ea	
DP0119	Pipettor Dlab 1mL-5mL, Autoclavable, Micropette Plus	ea	

ALL DLAB PIPETTORS ACCEPT STANDARD TIPS BELOW.

PIPETTE TIPS - EPPENDORF

CODE	DESCRIPTION	QTY	
DL3004	Tip Pipette to Suit 2-200µL Eppendorf® Pipettor	1,000	
DL3960	Tip Pipette to Suit 1mL Eppendorf® Pipettor	1,000	
DL3975	Tip Pipette 5mL Suit Eppendorf®	500	
DL3007	Tip Pipette 1-10mL 165mm Eppendorf® Plastic	200	

LIQUID HANDLING

PIPETTE TIPS - TARSONS

CODE	DESCRIPTION	QTY	
PT0240	Tip Pipette 10µL Graduated,To Suit Eppendorf® Gilson® Finnpipette® Rainin™ Biohit® (Boeco®),	1,000	
DL3940	Tip Pipette 200µL Yellow Graduated to suit Eppendorf®, Gilson®, Finnpipette®, Rainin™, Biohit® (Boeco®)	1,000	
DL3959	Tip Pipette 1000µL Clear Graduated to suit Eppendorf®, Gilson®, Finnpipette®, Boeco®, Witeg®	500	
DL3974	Tip Pipette 5mL Clear Graduated to suit Eppendorf®	250	
DL3907	Tip Pipette 10mL Clear Graduated to suit Eppendorf®, Gilson®	100	
DT0005	Tip Pipette 5mL Clear To Suit Rainin™, Gilson®	250	

STERILE & RACKED PIPETTE TIPS - TARSONS

CODE	DESCRIPTION	QTY	
PT0197	Tip Pipette 10µL Universal Maxipense Ultra Low Retention Graduated Racked Sterile (10 Racks x 96 Tips) To Suit Biohit® (Boeco®) Eppendorf® Finn Pipette® Gilson® Nishiryo® Rainin™	960	
PT0205	Tip Pipette 200µL Universal Maxipense Ultra Low Retention Graduated Racked Sterile (10 Racks x 96 Tips) To Suit Biohit® (Boeco®) Eppendorf® Finn Pipette® Gilson® Nishiryo® Rainin™	960	
PT0195	Tip Pipette 1000µL Universal Maxipense Ultra Low Retention Graduated Racked Sterile (10 Racks x 96 Tips) To Suit Biohit® (Boeco®) Eppendorf® Finn Pipette® Gilson® Nishiryo® Rainin™	960	

PIPETTE TIP BOXES - TARSONS

CODE	DESCRIPTION	QTY	
DL3014	Tip Box To Fit 2-200µL Tips (96 Place)	ea	
DL30500	Tip Box To Fit 100-1000µL Tips (96 Place)	ea	
DL3115	Pipette Tips Eppendorf, 2-200µL, In Reusable Box	ea	
DL3961	Tips 1mL Eppendorf Reusable Box Plus 96 Tips	ea	

ADDITIONAL SIZES AND VOLUMES AVAILABLE ON REQUEST

BOECO Germany   BIOHIT   eppendorf   Finnpipette®   GILSON   Tarsons TRUST DELIVERED   witeg GERMANY

PASTEUR PIPETTES

CODE	DESCRIPTION	QTY	
GP2520	Pipette Pasteur 145mm Long Glass	1,000	
GP2550	Pipette Pasteur 150mm Disposable Glass	1000	
GP2660	Pipette Pasteur 230mm Long Glass	1,000	
GP2680	Pipette Pasteur 230mm Long Glass Citotest®	1,000	
PP1914	Pipette Transfer Pasteur Graduated to 1mL, 5mL Total Capacity LDPE	500	
PP2102	Pipette Transfer Pasteur Graduated to 3mL, 7mL Total Capacity LDPE	500	

PLASTICWARE

BEAKERS

CODE	DESCRIPTION	UNIT	
PB3850	Beaker 50mL Low Form Polypropylene	ea	
PB3855	Beaker 50mL Polypropylene Tarsons®	ea	
PB3950	Beaker 100mL Low Form Polypropylene	ea	
PB3955	Beaker 100mL Polypropylene Tarsons®	ea	
PB4000	Beaker 250mL Low Form Polypropylene	ea	
PB4002	Beaker 250mL Polypropylene Tarsons®	ea	
PB4100	Beaker 500mL Low Form Polypropylene	ea	
PB4102	Beaker 500mL Polypropylene Tarsons®	ea	
PB4200	Beaker 1L Low Form Polypropylene	ea	
PB4202	Beaker 1L Polypropylene Tarsons®	ea	

WASH BOTTLES

CODE	DESCRIPTION	UNIT	
PW1000	Bottle Wash 250mL Polyethylene with Integral Side Spout Tube, Dispensing Tip & Closure Cap	ea	
PW1810	Bottle Wash Round 250mL Plastic	ea	
PW2310	Bottle Wash Wide Mouth 250mL LDPE/PP Closure (Natural Cap)	ea	
PW1200	Bottle Wash 500mL Polyethylene with Integral Side Spout Tube, Dispensing Tip & Closure Cap	ea	
PW1302	Bottle Wash Integral Tube 500mL LDPE/PP Closure	ea	
PW2225	Bottle Wash Round 500mL Plastic	ea	
PW2445	Bottle Wash "Methanol" Safety Labelled & Vented, Green Cap, 500mL LDPE	ea	
PW1378	Bottle Wash "Ethanol" Safety Labelled & Vented, Natural Cap, 500mL LDPE	ea	
PW1406	Bottle Wash "Distilled Water" Safety Labelled & Vented, Natural Cap, 500mL LDPE	ea	
PW2365	Bottle Wash Wide Mouth 500mL LDPE/PP Closure (Natural Cap)	ea	
PW2380	Bottle Wash Wide Mouth 1000mL LDPE/PP Closure (Natural Cap)	ea	

CUVETTES - KARTELL®

CODE	DESCRIPTION	UNIT	
PC3750	Cuvette Disposable 4.5mL 10mm Visible	100	
PC3770	Cuvette Disposable 4.5mL 10mm UV	100	
PC3740	Cuvette Disposable Semi Micro Low Form 1.5mL 10mm Visible	100	
PC3758	Cuvette Disposable 4.5mL 10mm Visible Polystyrene	100	
PS2550	Stirring Rod for Cuvettes Polystyrene 90mm Long	100	

CUVETTES - BRAND™

CODE	DESCRIPTION	UNIT	
CC2456	Cuvettes,Plastibrand,PS,10mm Semi Micro	100	
CB1823	Cuvette Visible Macro, 2.5-4.5mL, PS	100	
CP3105	Cuvettes, Visible, Semi-Micro, Fill Volume 1.5-3.0mL, PMMA	100	
PC0359	Cuvette Disposable 2.5mL 10mm UV "BRAND™" PMMA	100	

CUVETTES - GLASS

CODE	DESCRIPTION	UNIT	
GC1116	Cell 10mm Plastic Lid UV Quartz Type 1, 170-2700nm Glass	ea	

MANY MORE OPTIONS AVAILABLE

PLASTICWARE

PLASTIC FUNNELS

CODE	DESCRIPTION	UNIT	
PF1459	Funnel Analytical 45mm Polypropylene	ea	
PF1605	Funnel Analytical 65mm Polypropylene	ea	
PF1675	Funnel Analytical 75mm Polypropylene	ea	
PF0013	Funnel Analytical 90mm Polypropylene	ea	
PF1705	Funnel Analytical 100mm Polypropylene	ea	
PF1805	Funnel Analytical 160mm Polypropylene	ea	

MEASURING CYLINDERS - KARTELL®

CODE	DESCRIPTION	UNIT	
PM1850	Cylinder Measuring 50mL Tall Form Polypropylene	ea	
PM1050	Cylinder Measuring 50mL Tall Form TPX	ea	
PM1900	Cylinder Measuring 100mL Tall Form Polypropylene	ea	
PM1100	Cylinder Measuring 100mL Tall Form TPX	ea	
PM1950	Cylinder Measuring 250mL Tall Form Polypropylene	ea	
PM1150	Cylinder Measuring 250mL Tall Form TPX	ea	
PM2000	Cylinder Measuring 500mL Tall Form Polypropylene	ea	
PM1200	Cylinder Measuring 500mL Tall Form TPX	ea	
PM2050	Cylinder Measuring 1L Tall Form Polypropylene	ea	
PM1250	Cylinder Measuring 1L Tall Form TPX	ea	

MEASURING CYLINDERS - TARSONS®

CODE	DESCRIPTION	UNIT	
PC0158	Cylinder Measuring 50mL Tall Form Class B Polypropylene	ea	
PC0166	Cylinder Measuring 50mL Tall Form Class B TPX	ea	
PC0159	Cylinder Measuring 100mL Tall Form Class B Polypropylene	ea	
PC0167	Cylinder Measuring 100mL Tall Form Class B TPX	ea	
PC0160	Cylinder Measuring 250mL Tall Form Class B Polypropylene	ea	
PC0168	Cylinder Measuring 250mL Tall Form Class B TPX	ea	
PC0161	Cylinder Measuring 500mL Tall Form Class B Polypropylene	ea	
PC0169	Cylinder Measuring 500mL Tall Form Class B TPX	ea	
PC0162	Cylinder Measuring 1000mL Tall Form Class B Polypropylene	ea	
PC0170	Cylinder Measuring 1000mL Tall Form Class B TPX	ea	
PC0163	Cylinder Measuring 2000mL Tall Form Class B Polypropylene	ea	
PC0171	Cylinder Measuring 2000mL Tall Form Class B TPX	ea	

JUGS

CODE	DESCRIPTION	UNIT	
PJ1100	Jug 500mL Polypropylene	ea	
PJ1105	Jug 500mL Polypropylene Tarsons®	ea	
PJ1155	Jug 1L Polypropylene	ea	
PJ1157	Jug 1L Polypropylene Tarsons®	ea	
PJ1200	Jug 2L Polypropylene	ea	
PJ1205	Jug 2L Polypropylene Tarsons®	ea	
PJ1250	Jug 3L Polypropylene	ea	
PJ1300	Jug 5L Polypropylene	ea	
PJ1305	Jug 5L Polypropylene Tarsons®	ea	

PLASTICWARE

PIPETTE HOLDERS & WASHERS

CODE	DESCRIPTION	UNIT	
PP1600	Pipette Stand Only (No Base) to Suit PP1650	ea	
PP1650	Pipette Stand Base Only (No Stand) Includes PVC Rod to Suit PP1600	ea	
PP1660	Pipette Stand Rotary 94-Place	ea	
PP0097	Pipette Stand Rotary Vertical For 94 Pipettes Polypropylene	ea	
PP1700	Pipette Holder 16 Position 200 x 75 x 150mm	ea	
PP1310	Pipette Washer Automatic 990mm High	ea	
PP1300	Pippette Basket 300mm Total Height 650 x 130mm Diameter	ea	
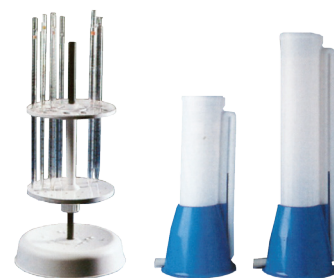
RACKS - TEST TUBES

CODE	DESCRIPTION	UNIT	
PR0002	Rack Test Tube White 16mm 5 x 12 Array Polypropylene	ea	
PR0003	Rack Test Tube Blue 16mm 5 x 12 Array Polypropylene	ea	
PR0004	Rack Test Tube Red 16mm 5 x 12 Array Polypropylene	ea	
PR0005	Rack Test Tube Yellow 16mm 5 x 12 Array polypropylene	ea	
PT1960	Rack Test Tube 60 Place 16mm Blue Polypropylene	ea	
PT1950	Rack Test Tube 60 Place 16mm Red Polypropylene	ea	
PT1955	Rack Test Tube 60 Place 16mm White Polypropylene	ea	
PT1952	Rack Test Tube 60 Place 16mm Yellow Polypropylene	ea	
PR0014	Rack Test Tube Blue 30mm 3 x 8 Array Nylon	ea	
PR0013	Rack Test Tube White 30mm 3 x 8 Array Nylon	ea	
PR0015	Rack Test Tube Red 30mm 3 x 8 Array Nylon	ea	
PR0016	Rack Test Tube Yellow 30mm 3 x 8 Array Nylon	ea	
PT2056	Rack Test Tube 24 Place 30mm Blue Polypropylene	ea	
PT2057	Rack Test Tube 24 Place 30mm Red Polypropylene	ea	
PT2055	Rack Test Tube 24 Place 30mm White Polypropylene	ea	
PT2058	Rack Test Tube 24 Place 30mm Yellow Polypropylene	ea	
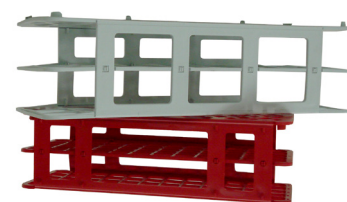
STIRRING BARS

CODE	DESCRIPTION	UNIT	
PM2265	Stirring Bar 15 x 6mm Cylindrical	ea	
PM2400	Stirring Bar 20 x 6mm with Pivot Ring	ea	
PM2270	Stirring Bar 20 x 6mm Cylindrical	ea	
PM2500	Stirring Bar 25 x 6mm with Pivot Ring	ea	
PM2630	Stirring Bar 30 x 6mm with Pivot Ring	ea	
PM2275	Stirring Bar 30 x 6mm Cylindrical	ea	
PM3070	Stirring Bar Restrainer	ea	
PR0058	Retriever Magnetic for Stirring Bars, 30cm PTFE/Alnico V Magnet	ea	
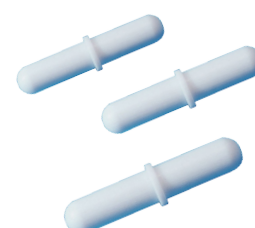
SAFETY

CABINETS

CODE	DESCRIPTION	UNIT	
HC3085	Cabinet Corrosive Storage 30L 552mmH x 418mmW x 370mmD ID Storemasta®	ea	
HC3082	Cabinet Flammable Storage 30L 552mmH x 418mmW x 370mmD ID Storemasta®	ea	

STOREMASTA®

EYE WASH

CODE	DESCRIPTION	UNIT	
PE1000	Eye Wash Station, Green Polystyrene With 500mL Eye Wash Bottle Polyethylene	ea	

GLASSES

CODE	DESCRIPTION	UNIT	
PG1005	Glasses Safety 555-Econospec Anti Scratch	ea	
PS1144	Glasses Safety Clear Plastic Polycarb Fog/Scratch Resistant Coating	ea	
PS1176	Safety Glasses, "Bolle Blade" Clear Lens (#1668201)	ea	
NG0055	Glasses Safety Bolle Prism Anti Scratch Anti Fog Clear Lens	ea	
NG0078	Glasses Safety Bolle Rush+ Platinum Anti Scratch Anti Fog Smoke Lens	ea	
NG0089	Glasses Safety Bolle Rush+ Small Platinum Anti Scratch Anti Fog Clear Lens Pink/White Temples	ea	
NG0050	Glasses Safety Bolle Overlight II Anti Scratch Anti Fog Clear Lens	ea	
PS1172	Safety Glasses, "Bolle Bandido" Clear Lens (#1667201)	ea	
PS1177	Safety Glasses, "Bolle Sidewinder" Clear Lens (#1615501)	ea	

PS1144

PS1176

NG0055

bollé SAFETY

PS1177

NG0078

PS1172

NG0050

NG0089

SAFETY

GLOVES

CODE	DESCRIPTION	UNIT	
HG1917	Glove Examination Powder Free Small Latex	100	
HG1912	Glove Examination Powder Free Small Nitrile	100	
HG1916	Glove Examination Powder Free Medium Latex	100	
HG1911	Glove Examination Powder Free Medium Nitrile	100	
HG1915	Glove Examination Powder Free Large Latex	100	
HG1908	Glove Examination Powder Free Large Nitrile	100	
HG1914	Glove Examination Powder Free X-Large Latex	100	
HG1907	Glove Examination Powder Free X-Large Nitrile	100	
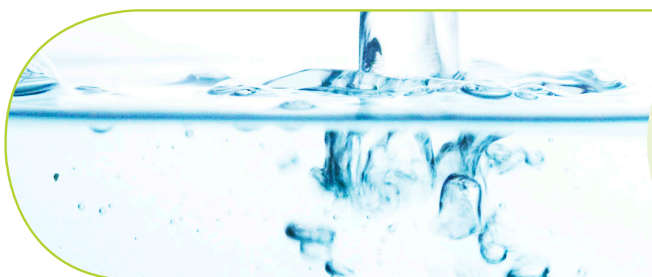
WATER SYSTEMS

IBIS REVERSE OSMOSIS WATER SYSTEMS

CODE	DESCRIPTION	UNIT	
IL0101	Labwater System Ibis Plus 6L P/H Manual	ea	
IL0105	Labwater System 6L/hr RO/DI With Quality Monitor And Low Voltage Shut Off	ea	
II1155	Ibis Part – Water System, Tank 30L (Float Switch And Shut Off Included)	ea	
II1160	Ibis Part – Water System, Tank 60L (Float Switch And Shut Off Included)	ea	
IR0148	Reverse Osmosis Replacement Prefilter 5 Micron	ea	
IR0149	Reverse Osmosis Ibis Carbon Prefilter	ea	
ID1491	Deioniser Cartridge Ion-Exchange 10"	ea	
IR0151	Membrane Reverse Osmosis 6L/hr (Ibis) RO Water System TF-1812-50	ea	
	Ibis Ultra Pure Water System (Must Be Plumbed To RO Water)		
IR1955	Ion Exchange Alpha4 Ultrapure System, Complete with Carbon Cartridge 2 Ion Exchange Cartridges, Organic Scavenger Cartridge And 0.2 Micron Final Filter For Demineralised Feed Water	ea	

THE IBIS WATER SYSTEM

INLET

RO MEMBRANE

TANK

5μm Pre-filter PF1005

Carbon Pre-filter CT1005

Mixed-bed Ion exchange
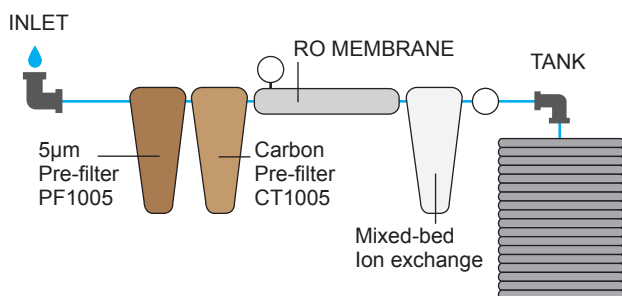
Introducing the Elix®
High-Throughput system

MERCK

The Elix® High-Throughput system incorporates technologies consistent in delivering optimum quality, analytical-grade water for use in regular laboratory applications and instrument feeds. The system combines Merck's Elix® electrodeionization technology with advanced purification, including Progard® pretreatment cartridges, reverse osmosis and bactericidal UV lamp treatment.

CODE	DESCRIPTION	UNIT	
IW4020	Water System Millipore® RIOS-DI Type II Water from Tap with 6L Built in Reservoir	ea	
IC4504	Cartridge Smartpack RO-DI Purification Pack for Millipore® RIOS	ea	
FF7912	Filter for Vent On Internal Reservoir For Millipore® Water Systems	2	
HP1989	Pressure Regulator 0-58psi (0-4 Bar) Gauge 8mm Tubing Connector	ea	
IW1476	Water Purification System Elix 3 Essential 230V 50Hz	ea	
	Elix Advantage Requires 1 of the Following Cartridges		
IP2700	Pretreatment Pack 'Progard 2 ' Long	ea	
IP2703	Progard S2 Pretreatment Pack Millipore	ea	
IP2707	Pretreatment Pack 'Progard 2' No Phosphate for Elix Advantage	ea	
	Elix Advantage Requires Tank and Connection Kit and Filter		
IW1447	Tank 30L Storage Reservoir	ea	
IM7056	Tank Connection Kit	ea	
FF7912	Filter for Vent on Internal Reservoir for Millipore Water Systems	2	

How to order online at your convenience using the Rowe Scientific Web Store and its easy to use features.

Welcome to the Rowe Scientific Pty Ltd Web Store

Your **USERNAME** is:

Your **PASSWORD** is:

Please take the time to read the following two pages. They are designed to inform you of some of the key features when using the Rowe Scientific Web Store to place your routine orders.

Our Web Store is open to take your orders 24 hours a day, seven days a week and lists over 11,000 scientific products. The features outlined over the next two pages will help you to search products and place orders quickly and efficiently.

If you can't find the item you're looking for on our web site, please contact your local Account Manager or your nearest Rowe Scientific office.

As a guest when you arrive at the Rowe Scientific Web Store, you can search for products and populate a trolley. To obtain pricing, please request a quote on your trolley of products. Clients with a Login Account will see pricing and be able to place orders over the Rowe Scientific Web Store.

How to Log In

If you have a Login Account, enter your **USERNAME** and **PASSWORD** in the login panel at the top right hand corner. This will log you into your personalised Web Store account.

Your Welcome Panel

When you have successfully logged in, you will see your Welcome Panel to the right. Here you will find some useful features that are explained below and over the page.

• My Backorders

My Backorders is a searchable list of your current Back Orders with Rowe Scientific. This data is updated overnight to keep you fully informed.

Quick Order

Quick Order allows you place orders from a list of routinely ordered products. There are two parts to your Quick Order page.

Your **TEN** most recent purchases or a manual list made up of items you add to your Quick Order list which are grouped by product type e.g. Glassware for glass beakers etc.

To add a product to your Quick Order list, click on the **ADD TO QUICKLIST** button on the product listing. If the button does not appear on an item it is already in your quick order list.

To order items directly by Quick Order list, simply enter the quantity required for each item being ordered then select the **ADD TO TROLLEY** button. You will see these items appear in **YOUR TROLLEY** panel and the total value.

You can continue searching and shopping for products or view Your Trolley and process your order.

Order History

Here you can see a list of recent online orders placed via our Web Store.

The Search Bar

The Search Bar functionality on the right allows you to string key words together as you would a Google search. e.g. 'beaker 250mL' the results will list those items found which best match the exact criteria to the top of the results page.

When you use the product filter buttons a second **INNER** Search Bar appears in the search results page allowing you to drill down from the results using key words.

Search by YOUR part number

We can upload your part numbers (when supplied by you) for contract lines allowing you to also search by your part number for easy and accurate ordering of what you need.

Your part number will appear in red in brackets directly after the Rowe Code.

See YOUR agreed pricing

You will see your Agreed Contract and Special Pricing. This is indicated by the words **Your contract/ Special price** above the price.

Availability

You can check the availability and estimated lead times on products. Faster lead times may be available on request. The National stock is the total of our stock across the country.

OUR PLEDGE TO YOU

If you are experiencing difficulty in obtaining supply of scientific products and items, please contact us by email and the team at Rowe Scientific will help you.

This is not a "subtle" attempt to obtain business, but a sincere pledge to help fellow scientists source the items they need to do their work and thereby help Australia grow.

Rowe Scientific has been servicing the scientific community since 1987. Our industry knowledge, practical understanding and client focus has seen Rowe Scientific grow as a leading and respected supplier.

I thank all clients for your valued patronage and trust you will find our Vintage Winery and Beverage Sciences catalogue a valuable resource.

Peter Sommers (Chartered Chemist, FRACI)
CEO Rowe Scientific Pty Ltd.
peter.sommers@rowe.com.au

For accuracy and professionalism

ROWE
SCIENTIFIC
PTY. LTD.
www.rowe.com.au

www.rowe.com.au

New South Wales
Ph: (02) 9603 1205
rowensw@rowe.com.au

Queensland
Ph: (07) 3376 9411
roweqld@rowe.com.au

**South Australia &
Northern Territory**
Ph: (08) 8186 0523
rowesa@rowe.com.au

Victoria & Tasmania
Ph: (03) 9701 7077
rowevic@rowe.com.au

Western Australia
Ph: (08) 9302 1911
rowewa@rowe.com.au

ROWE SCIENTIFIC
PTY LTD ABN 63 009 437 790

A proudly 100% Australian owned company supplying laboratories since 1987.