



FOOD & FEED SCIENCES

LABORATORY PRODUCTS

EDITION 02 2019

TOOLS FOR YOUR FOOD LAB

CHEMISTRY

Analyse your

- Wet chemistry, chromatography, filtration and electrophoresis
- Buffers
- Acids
- Solvents
- Volumetric solutions
- Standards
- Indicators
- Quantitative and qualitative analysis



SAMPLE PREPARATION

Get started with:

- Containers, jars, tubes, measuring vessels, plates and dishes
- Filter bags, blender bags, press seal and Whirl-Pak bags
- Spoons, spatulas, knives, scoops and samplers
- Crushers, blenders, homogenisers, stirrers, shakers and hot plates
- Centrifuges, digesters, water baths, balances, and extractors
- Incubators, ovens, sterilisers, washers, pumps and fridges.



ANALYSIS

Our samples:

Chromatography,
Microchemistry

ns

Qualitative analysis

Your one stop 100% Australian owned science shop.
Online, by phone or face to face,
we give you the choice.



MICROBIOLOGY ANALYSIS

Complete your analysis:

- General microbiology and pathogenic organism analysis
- Dehydrated Media / Pre-poured plates
- Enzymatic Kits
- Colony counters
- Auto plating
- Microscopes
- Adenosine Triphosphate (ATP) tests





AGAR

ROWE CODE	DESCRIPTION	PACK SIZE
CA2222	Agar bacteriological	500g
CA2272	Agar plate count agar	500g
CA2265	Agar nutrient	500g
CT1012	Tryptone water amyl	500g
CO2243	OGYE agar base	500g
CL1280	Lauryl tryptose broth	500g
CA2292	Agar violet red bile	500g
CA2315	Agar yeast extract	500g
CA22295	Agar MacConkey amyl	500g
CA2288	Agar reinforced clostridial	500g
CP1688	Media modified peptone water buffered	500g
CB0040	Baird-Parker agar base	500g
CA2273	Agar plate count (casein-peptone glucose yeast extract agar for microbiology)	500g
CA2243	Agar nutrient WL for microbiology	500g
CT1013	Tryptone water for microbiology	500g
CA2309	Agar VRB violet red bile agar for microbiology	500g
CA2295	Agar YGC (yeast extract chloroamphenicol agar)	500g
CA2277	MacConkey agar for the isolation of salmonella shigella and coliform bacteria	500g
CP1695	Peptone water (buffered) Acc.to ISO6579 for microbiology	500g
CB0041	Baird-Parker agar staphylococcus selective agar (base) acc. To Baird-Parker for microbiology	500g
CA2328	Agar plate count (PCA) casein-peptone dextrose yeast extract agar for microbiology)	500g
CA2207	Agar bacteriological culture media (purified agar-agar)(Scharlau)	500g
CA2477	Agar Plates, Mannitol Yolk Polymyxin (MYP)	20pk
CA2233	Agar Mueller Hinton	500g
CA6123	Agar Plate Nutrient Pre-Poured (Store 2-8 Degrees)	20pk

The above is only a sample of what we have available. We also sell a broad range of accessories including loops, plates, gloves etc. Please call us to discuss your scientific needs.

3M



PETRIFILM™ PLATES

Microbiology

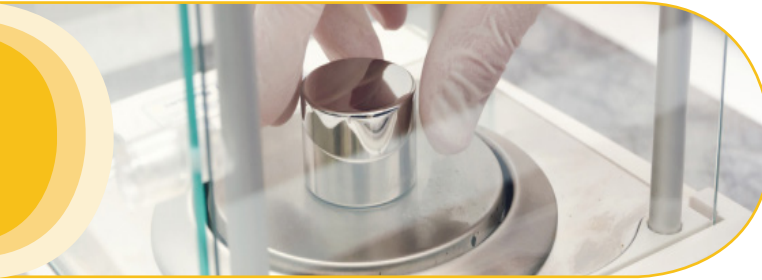
An agar plate or Petri dish is used to provide a growth medium using a mix of agar and other nutrients in which microorganisms, including bacteria and fungi, can be cultured and observed under the microscope. Agar is indigestible for many organisms so that microbial growth does not affect the gel used and it remains stable.

Agar is typically sold commercially as a powder that can be mixed with water and prepared similarly to gelatin before use as a growth medium. Other ingredients are added to the agar to meet the nutritional needs of the microbes. Many specific formulations are available, because some microbes prefer certain environmental conditions over others. Agar is often dispensed using a sterile media dispenser.

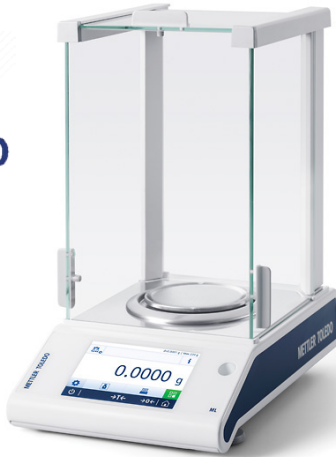
ROWE CODE	DESCRIPTION	PACK SIZE
PP0059	Petrifilm 3M lactic acid bacteria count plate	500
PP1045	Petrifilm 3M listeria	50
PP0010	Petrifilm 3M rapid coliform plate	500
PP0027	Petrifilm 3M rapid yeast and mold count plate	50
PP1020	Petrifilm 3M total aerobic count 100 tests	100
PP1027	Petrifilm 3M coliform count plates	50
PP1026	Petrifilm 3M e-coli & coliform count plates	500
PP1037	Petrifilm 3M EB (enterobacteriaceae) count plates	50
PP1040	Petrifilm 3M express staph	50



BALANCES



METTLER TOLEDO



OHAUS



ROWE CODE	DESCRIPTION
IB0144	Balance Analytical ML204T Newclassic 220g @ 0.1mg with internal calibration and touch screen
IB0145	Balance Precision ML1602T Newclassic 1620g @ 0.01g with internal calibration and touch screen
IB0146	Balance Precision ML3001T Newclassic 3200g @ 0.1g with internal calibration and touch screen

ROWE CODE	DESCRIPTION
IB0257	Balance Ohaus 620g x 0.01g Scout general (SPX622)
IB0270	Balance Ohaus 620g x 0.1g Scout general series (SPX621)
IB7756	Balance Ohaus 6kg x 1.0g Valor 3000 Xtreme compact scale
IB0202	Balance Scout SPX 6200g x 0.1g pan size 170 x 140mm
IB0442	Balance Ohaus 2100g x 0.01g PX Series with internal calibration



IB0077 HE53 Moisture Analyser

Great for Simple Moisture Analysis.

0.01 %MC (1 mg) readability, bright backlit LCD display, progress indicator, one method, robust and compact design, 50-160° C drying temperature.

Reliable Moisture Results

A straight forward instrument with all the basic functions you need for fast and efficient moisture measurements.

Simple 3-Step Operation

1. Tare the empty sample pan. 2. Place the sample. 3. Close the lid and start. Moisture analysis couldn't be easier.

Affordable Quality

With its simple high quality construction and rugged design, this instrument is suitable for both laboratory and production environments.



IB0207 MB120 Moisture Analyser

The MB120 delivers functionality and precision that you can rely on, and is easy to operate and clean, enabling you to test more samples in a shorter period of time.

Advanced features such as a temperature guide helps you to obtain optimum drying temperature. Methods and results storage allows you to statistically analyse measurements.

Design Features

Seven shut-off criteria (manual, timed, autofree %/s, autofree mg/s, A30, A60 and A90), four drying profiles (standard, fast, ramp and step), storage of up to 100 methods and 1000 test results for all methods, user guide, 40°C to 230°C heating temperature range (1°C increments), 13 operational languages

Applications

Percent Moisture Determination, Percent Moisture Regain Determination, Percent Solid Determination, Weighing



CENTRIFUGES

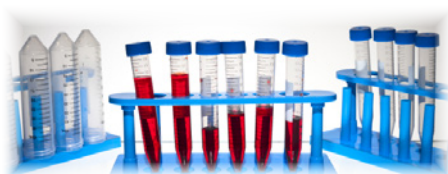
CENTRIFUGES & ACCESSORIES

ROWE CODE	DESCRIPTION	UNIT
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
ROWE CODE	DESCRIPTION	UNIT
IC4160	Centrifuge multi rotor speed 500-4000rpm 240 Volts 50Hz	ea
IR4134	Rotor fixed angle 8x50mL, up to 6000rpm, for tube size 30x120mm	ea
IC4104	Centrifuge part reducer to suit IR4134 rotor for 15mL tubes	4pk
IC0026	Centrifuge SC-8 MAX 6000rpm angle rotor for 8x15mL tubes, 208-240V 50/60Hz	ea
IC0039	Centrifuge "Palm" Micro model D1008, 7000rpm fixed speed supplied with two rotors for 8 x 2mL tubes and 16 x PCR tubes, adapters included	ea
ROWE CODE	DESCRIPTION	PACK SIZE
IC0356	Centrifuge, Universal with LCD display, steel casing, 64x64x45cm with universal rotor for 12 positions (without inserts) (Gerber)	ea
IC4123	Centrifuge part, bucket, Mojonnier with holders for tube (for 03.3300 rotor)(Gerber)	ea
GF3640	Flask Mojonnier, extraction tube with rounded bulb (without cork stopper)	ea
PR0093	Rack, 8-place, for Mojonnier flasks	ea



CENTRIFUGE TUBES

ROWE CODE	DESCRIPTION	PACK SIZE
PT0228	Tube microcentrifuge 0.5mL Dnase/Rnase/Pyrogen free natural, autoclavable polypropylene	1000
PT0159	Tube microcentrifuge 1.5mL Dnase/Rnase/Pyrogen free natural, autoclavable polypropylene	500
PT0166	Tube microcentrifuge 2.0mL Dnase/Rnase/Pyrogen free natural, autoclavable polypropylene	500
PT0235	Tube microcentrifuge 5mL Dnase/Rnase/Pyrogen free natural, autoclavable polypropylene	100
PT1208	Tube centrifuge 10mL conical base screw cap natural unlabelled graduated 103mmH x 16mmD polypropylene	1000
PT1771	Tube centrifuge 15mL sterile conical bottom 120mmH x 16mmD polypropylene	500
PT0444	Tube centrifuge, conical bottom, 15mL, 17mmD x 120mmD graduated polypropylene with grey cap (Non-Sterile)	500
PT1170	Tube centrifuge 50mL sterile conical bottom 115mmH x 28mmD polypropylene	500
PT0099	Tube centrifuge, conical bottom, 50mL, 115mmH x 30mmD graduated polypropylene, blue cap, tubes and cap separate	500



CHEMICALS



A

ROWE CODE	DESCRIPTION	PACK SIZE
CA5530	Acetaldehyde LR	500mL
CA0080	Acetaldehyde 1% solution for ascorbic acid analysis	500mL
CA1215	Acetic acid glacial AR	2.5L
CA1107	Anti-bumping granules (fused alumina) small 1-3mm	250g
CA2105	Anti-foam silicone liquid technical	500mL
CA4705	Ascorbic acid (L+) AR	500g



B

ROWE CODE	DESCRIPTION	PACK SIZE
CB2690	Buffer pH 4.00 (colourless) NIST traceable, in contamination proof bottle	500mL
CB0014	Buffer pH 4.00 (colourless) solution	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) solution	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

ROWE CODE	DESCRIPTION	PACK SIZE
CC1740	Caesium chloride AR	100g
CC1561	Charcoal activated powder LR	500g
CC0048	Citric acid anhydrous food grade, conforms to BP/FCC	500g
CC0082	Copper (II) sulfate pentahydrate (AR)	500g
CC5701	Copper (II) sulfate pentahydrate AR	5kg
CC5851	Copper (II) sulfate pentahydrate technical	5kg
CC5785	Copper sulfate pentahydrate food grade	5kg

D

ROWE CODE	DESCRIPTION	PACK SIZE
CD1240	Decon 90® detergent	5L
CE2104	Detergent Extran MA 05 phosphate free	5L
CD1430	Detergent Pyroneg powder	9kg
CQ1050	Detergent Quantumclean laboratory	5L
CD1211	Dichlorophenol (2,6-) indophenol sodium salt	10g
CD2400	Distilled (demin) water	20L



A donation of \$2 goes to the Royal Flying Doctor Service of Australia with every purchase of this product.





CHEMICALS

E

ROWE CODE	DESCRIPTION	PACK SIZE
CP1015	pH electrode storage solution	250mL
CF1040	Electrode cleaning solution	500mL
CE1665	Ethanol 95% AR (needs licence) In glass bottle	2.5L
CE1616	Ethanol absolute AR (needs licence) In glass bottle	2.5L
CE0007	Ethanol standard (10.0 +/- 0.1)% v/v with certificate	500mL
CE0008	Ethanol standard (12.0 +/- 0.1)% v/v with certificate	500mL
CE0009	Ethanol standard (15.0 +/- 0.2)% v/v with certificate	500mL
CE1591	Ethanol 70% GLR in black plastic drum (needs licence)	20L



F

ROWE CODE	DESCRIPTION	PACK SIZE
CF1957	Fehlings A solution	2.5L
CF1958	Fehlings B solution	2.5L
LD0720	D-(-)-Fructose, bioreagent, suitable for cell culture, suitable for insect cell culture	2.5L

G

ROWE CODE	DESCRIPTION	PACK SIZE
CG1553	Glucose (D-) anhydrous AR	500g
CG0043	Grease high vacuum LR grade	50g

H

ROWE CODE	DESCRIPTION	PACK SIZE
CH2329	Hexane (-N) HPLC grade "LiChrosolv®"	4L
CH1104	Hydrochloric acid (0.0100 ± 0.0001)M AR (with certificate)	2.5L
CH1115	Hydrochloric acid (0.100 ± 0.005)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



SIGMA-ALDRICH



CHEMICALS



I - K

ROWE CODE	DESCRIPTION	PACK SIZE
FI1101	Indicator strips pH 0-14 in snap cap tube	100
CI1080	Iodine 0.1N (0.05M) ampoule to make 1L (full range available)	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
CK0040	Kjeldahl catalyst tablet according to Missouri, without Hg, Se, Sb, Ti, Pt	250
IT0129	Kjeldahl catalyst tablets, Kjtabs™ VCM. 3.5g K ₂ SO ₄ + 0.1g CuSO ₄ x 5H ₂ O	1000



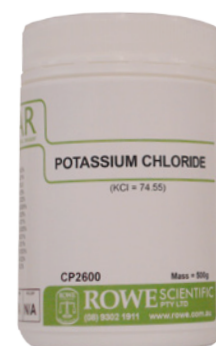
M - N

ROWE CODE	DESCRIPTION	PACK SIZE
CM4705	Malic acid (L) for synthesis	10g
CM1175	Mercurisorb, for collection of mercury spills	250g
CM1801	Metaphosphoric acid LR	500g
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
CN1155	Nitric acid 68%-70% w/w AR	2.5L



P

ROWE CODE	DESCRIPTION	PACK SIZE
CP5253	Phenolphthalein solution 1% indicator in propan-2-ol	100mL
CO13125	Phosphoric acid (Ortho) 25% v/v GLR	5L
CO1312	Phosphoric acid (Ortho) 25% w/v GLR	20L
CO1317	Phosphoric acid (Ortho) 85% AR	2.5L
CP2600	Potassium chloride AR	500g
CP3706	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
CP6222	Potassium sodium (+)-tartrate AR	5kg
CP6221	Potassium sodium (+)-tartrate AR	500g
CP6371	Propan-2-ol (Isopropanol) GLR	2.5L



NEED SPECIALIST ADVICE WITH MIXTURES OR COMPOUNDS? WE HAVE QUALIFIED INDUSTRIAL CHEMISTS WHO CAN HELP MAKE IT FOR YOU.



CHEMICALS

Q-R

ROWE 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

S-Z

ROWE CODE	DESCRIPTION	PACK SIZE
CS7482	Silica gel self indicating 2-5mm (orange)	500g
CS7455	Silica gel self Indicating granules 5-10mm mesh (blue)	500g
CS8342	Silver nitrate 0.1N AR	2.5L
CS1072	Soda lime self-indicating LR	500g
CS14050	Sodium (Tri-Sodium) 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 SiO ₂)	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 GLR 12.5%	5L
CS12341	Sodium hypochlorite 12.5% (Includes drum) (20L container + vent cap) (liquid chlorine)	20L
CS9055	Sodium metabisulfite anhydrous AR	500g
CS1741	Sodium 1000ppm standard solution in 2% v/v HNO ₃ (with certificate)	500mL
CS14190	Sodium thiosulfate 0.1M (0.1N) to make 1L	ampoule
CS14165	Sodium thiosulfate 0.1M AR	5L
CS14251	Sodium thiosulfate pentahydrate AR	500g
CS1760	Sucrose AR	500g
CS1443	Sulfuric acid 98% RCI premium (AR) for analysis (glass)	2.5L
CT1000	Tartaric acid AR	500g
CS1815	Starch indicator for iodometry	250g
CV1050	Vitex (iodine indicator)	250g
CD2400	Water distilled (demin)	20L

**Is what
you're after
not shown?
Call us.
We either
have it or
will find it
for you.**

COLONY COUNTER

interscience Scan®

Automatic colony counters & inhibition zone readers

Automatic colony counters:

- No settings
- Inhibition zone readers
- Data traceability and full report

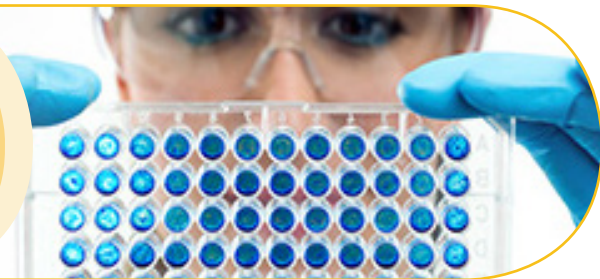


Rowe code IC0071

Stuart Colony Counter - SC6PLUS

- Pressure sensitive counting
- Average count facility
- Bright white energy saving LED lighting
- With BioCote antimicrobial protection
- Audible count confirmation
- Choice of light or dark background
- Connectivity to printer or computer

ENZYMES



ROWE CODE	DESCRIPTION	PACK SIZE
KG1000	D-Glucose/D-Fructose enzyme test kit (27 tests)	kit
KS1000	Sucrose D-Glucose/D-Fructose enzyme kit (27 tests)	kit
KL2000	L-Lactic acid enzyme kit (30 tests)	kit
KA2000	Acetic acid enzyme kit (30 tests)	kit
KC3000	Citric acid enzyme kit (36 tests)	kit
KM2000	L-Malic acid enzyme test kit (30 tests)	kit
KC3030	Copper enzyme test kit (2 x 50mL)	kit



Food and feed test kits for quality control

The R-Biopharm test kits are used globally for quality control in the entire food production chain, from raw material monitoring to end product testing. Food testing laboratories in the industry as well as commercial testing laboratories and official control laboratories have recognised the value of using high quality test kits for quality control.

Also available = r-biopharm test kits for Allergens, GMO, microbiology, residues and vitamins.

ENZYME TEST KITS - VINTESENTIAL

CODE	DESCRIPTION	PACK SIZE
KD0025	L-Malic acid test kit for discrete analysers (up to 500 tests) for wine testing	kit
KA0031	Acetic acid analysis test kit for discrete analysers (500 tests) for wine testing	kit
KD0024	D-Glucose & D-Fructose analysis 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





FILTRATION

FILTERS - PAPER

ROWE CODE	DESCRIPTION	PACK SIZE
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	100
FF2300	Paper filter 15.0cm Whatman® 5	100
FF2109	Paper filter 15.0cm Folded Similar Gr2 (Mn616 1/4)	100



Over 200 types and sizes in stock.



GLASS FIBRE PRE-FILTERS

ROWE CODE	DESCRIPTION	PACK SIZE
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



MEMBRANE FILTERS

ROWE CODE	DESCRIPTION	PACK SIZE
FF0330	Filter membrane 47mm 0.22 micron, PTFE hydrophilic (PTFE-L)	200
FF0286	Filter membrane 47mm 0.22 micron, Polyethersulfone (PES)	200
FF0331	Filter membrane 47mm 0.45 micron, PTFE hydrophilic (PTFE-L)	200
FF0006	Filter membrane 47mm 0.45 micron PVDF hydrophilic	200
FF5251	Filter membrane 25mm 0.45 micron gridded mixed cellulose esters	100
FF0002	Filter membrane 25mm 0.45 micron white membrane black gridded mixed cellulose ester	200
FF4246	Filter membrane 47mm 0.45 micron cellulose nitrate sterile white with black grid	100
FF4254	Filter membrane 47mm 0.45 micron mixed esters cellulose sterile white gridded	600
FF4337	Filter membrane 47mm 0.45 micron mixed esters cellulose sterile black gridded	600

SYRINGE FILTERS

ROWE CODE	DESCRIPTION	PACK SIZE
FF7502	Syringe filter 30mm 0.22 micron acetate cameo 30A	50
FF7514	Syringe filter 30mm 0.45 micron acetate cameo 30A	50
FF0134	Syringe filter, 30mm, 0.22 micron PES	1000
FS0034	Syringe filter, 30mm, 0.45 micron polyethersulfone PES	100
FF7557	Syringe filter 30mm 0.45 micron PES with glass fibre pre-filter	1000
FF3298	Syringe filter 33mm 0.45 micron PES membrane Millex-HP	1000
FF0117	Syringe filter hydrophilic non-sterile 30mm 0.22 micron PTFE membrane	100
FF0118	Syringe filter hydrophilic non-sterile 30mm, 0.45 micron PTFE membrane	100
FF7528	Syringe filter 33mm 0.45 micron PVDF membrane Millex-HV	1000
FF0242	Syringe filter 30mm, 0.22 micron polyvinylidene difluoride (PVDF)	100
FF0243	Syringe filter 30mm, 0.45 micron polyvinylidene difluoride (PVDF)	100



Try something different today - call us for a sample.

MERCK



Whatman

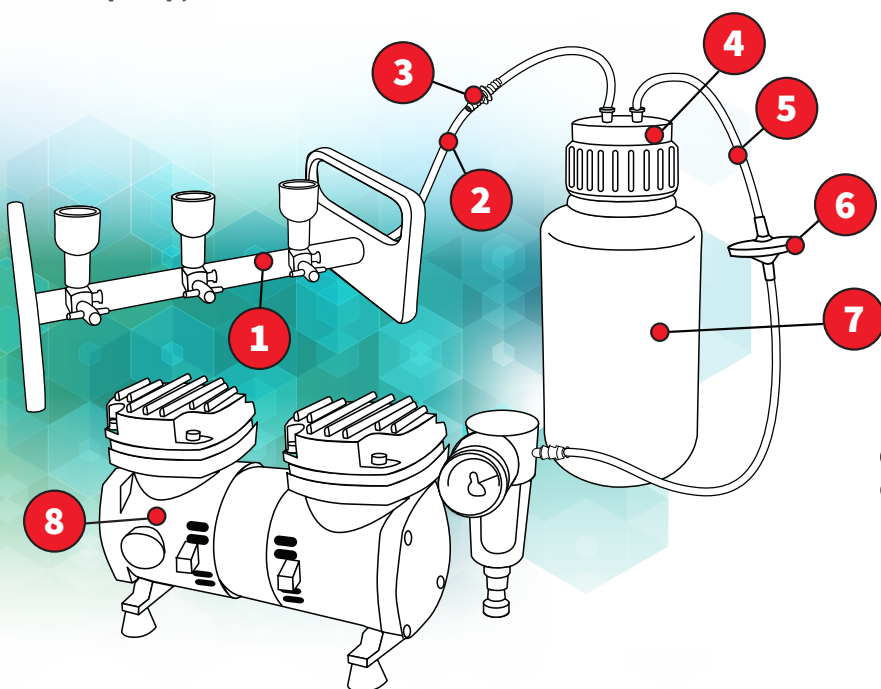
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VACUUM FILTRATION

MICROBIOLOGY & INDUSTRIAL

3 PLACE MICROBIOLOGY FILTRATION PACKAGE

Below is an example of a microbiological filtration scenario. Included is a **3 place manifold, 2m of tubing, vacuum bottle, pump, connector and inline filter.**



- Made from stainless steel and PTFE
- Autoclavable
- Suits No. 8 stopper
- 11mm barbed hose fitting



- Made from heavy duty polypropylene
- Autoclavable
- Comes with screw cap with no holes
- 2L available, refer PB0286



- 50mm diameter
- 0.45 micron hydrophobic PTFE membrane
- Sterile and individually wrapped



- 83mm neck I.D.
- Used for 4L heavy duty vacuum bottles
- 1/4 inch barbed tubing ports
- 2L cap available, PC9090

ROWE CODE	DESCRIPTION	PACK SIZE
1 FM0039	Manifold vacuum filtration 3-place stainless steel suits size No.8 stopper, 11mm barbed fitting	ea
2 PT2900	Tubing vinyl clear 10mm I.D 13mm O.D, 1.5mm wall	ea
3 PC2620	Connector straight 6.3-9-11mm	ea
4 PC0189	Cap, screw closure 83mm neck I.D for 4L heavy duty vacuum bottle with 1/4 inch barbed tubing ports for filling/venting	ea
5 PT2800	Tubing 6mm I.D., 9.0mm O.D., 1.5mm wall, clear vinyl	ea
6 FF0416	Filter unit in-line 50mm diameter 0.45 micron hydrophobic PTFE membrane stepped hose barb, sterile	ea
7 PB0287	Bottle heavy duty vacuum 4L polypropylene autoclavable with screw cap (no holes)	ea
8 IP2034	Vacuum pump oil free piston R-series 34L/min 106mbar ultimate vacuum	ea

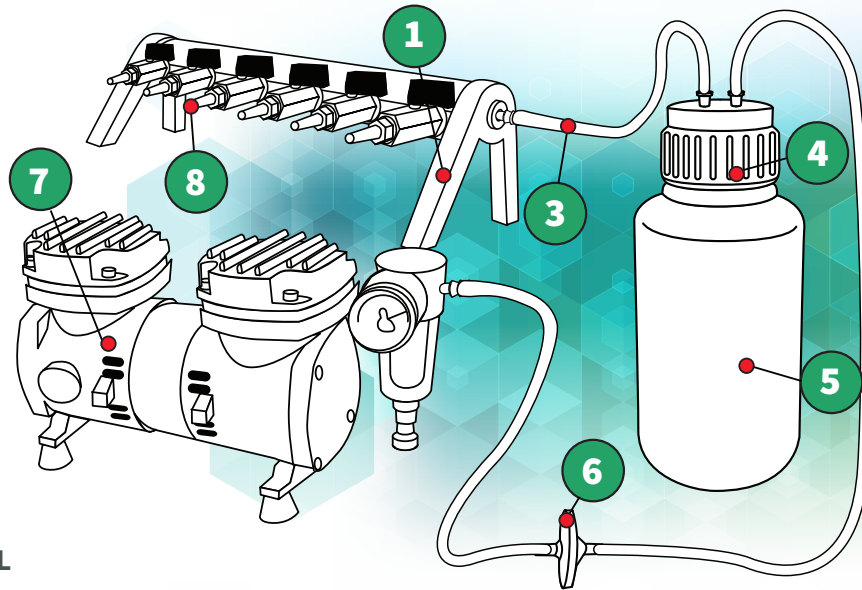


VACUUM FILTRATION

VACUUM FILTRATION EXAMPLES

6 PLACE INDUSTRIAL FILTRATION PACKAGE

Below is an example of a simple industrial filtration scenario. Included is a **6 place manifold, 2m of tubing, vacuum bottle, pump and inline filter.**



PT2800 PT2900

2 CLEAR VINYL TUBE

- PT2800 - 6mm I.D., 9.0mm O.D
- PT2900 - 10mm I.D., 13mm O.D
- Durable vinyl
- 1.5mm wall thickness



HV0017

1 6 PLACE FILTRATION MANIFOLD

- Made from stainless steel
- Autoclavable
- Requires 7 x HM0171 fittings



PC2620

3 STRAIGHT BARBED CONNECTOR

- Made from polypropylene
- Serrations hold tube tightly to prevent slipping
- Autoclavable



HM0171

8 MANIFOLD HOSE TAIL

- Made from brass
- Serrations hold tube tightly to prevent slipping
- Autoclavable



IP2034

6 PISTON VACUUM PUMP

- 34L per minute capacity
- 106mbar maximum vacuum capacity
- 125 watt motor

ROWE CODE

DESCRIPTION

PACK SIZE

ROWE CODE	DESCRIPTION	PACK SIZE
1 HV0017	Vacuum pump manifold stainless steel 6 outlet square tube design without fittings	ea
2 HM0171	Manifold part, brass hose tail 1/4 inch barb with 1/4 inch male BSP thread	ea
3 PT2800	Tubing 6mm I.D., 9.0mm O.D., 1.5mm wall, clear vinyl	ea
4 PC0189	Cap, screw closure 83mm neck I.D for 4L heavy duty vacuum bottle with 1/4 inch barbed tubing ports for filling/venting	ea
5 PB0287	Bottle heavy duty vacuum 4L polypropylene autoclavable with screw cap (no holes)	ea
6 FF0416	Filter unit in-line 50mm diameter 0.45 micron hydrophobic PTFE membrane stepped hose barb, sterile	ea
7 IP2034	Vacuum pump oil free piston R-series 34L/min 106mbar ultimate vacuum 8mm diameter barbed fittings	ea
8 HM0171	Manifold part, brass hose tail 1/4 inch barb with 1/4 inch male BSP thread	ea

FILTRATION



FILTER HOLDERS

ROWE CODE	DESCRIPTION	PACK SIZE
GF1154	Filter holder 47mm 300mL glass funnel, clamp, support base, size No.8 stopper	ea
FV0001	Filter holder 47mm includes 300mL glass funnel fritted glass base 1L glass solvent collection flask anodised aluminium clamp 40/38 standard size frosted joint and 50cm of vacuum tubing, 10mm diameter barbed fitting	ea
PF1174	Filter holder Sterifil® funnel 500mL 47mm	ea
PF2701	Funnel filter/holder magnetic 47mm 300mL	ea
PF1202	Filter holder with receiver 47mm polysulfone, 500mL funnel and receiver, barbed fitting accepts 6mm to 8mm ID tubing	ea
PF1180	Filter holder/funnel 47mm polysulfone 350mL funnel, stem & no.8 stopper gravi-seal	ea



GF1154

FV0001



PF1202

PF1180

THIMBLES

ROWE CODE	DESCRIPTION	PACK SIZE
FE0900	Thimble extraction 22mm(ID) x 80mm long cellulose	25
FE1041	Thimbles extraction 27mm ID x 80mm long cellulose	25
FE1088	Thimbles extraction 33mm ID x 80mm long cellulose suits Foss system	25
FE1089	Thimbles extraction 33mm x 80mm suit Velp solvent apparatus	25



GLASSWARE

BEAKERS



ROWE CODE	DESCRIPTION	PACK SIZE
GB1660	Beaker low form spouted graduated 50mL borosilicate glass	ea
GB1810	Beaker low form spouted graduated 100mL borosilicate glass	ea
GB2060	Beaker low form spouted graduated 250mL borosilicate glass	ea
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

Tall or low form - we have them.

BOTTLES - LABORATORY

ROWE CODE	DESCRIPTION	PACK SIZE
GB7910	Bottle laboratory with blue screw cap 100mL borosilicate glass	ea
GB7955	Bottle laboratory with blue screw cap 250mL borosilicate glass	ea
GB8005	Bottle laboratory with blue screw cap 500mL borosilicate glass	ea
GB8055	Bottle laboratory with blue screw cap 1L borosilicate glass	ea
GB8105	Bottle laboratory with blue screw cap 2L borosilicate glass	ea
GB8315	Bottle medicinal 100mL clear glass with 24mm white poly cap	128
GB8321	Bottle medicinal 200mL clear glass with 24mm white poly cap	80

SIMAX®



GLASSWARE

CARBODOSEUR (CO2 MEASUREMENT)

ROWE CODE	DESCRIPTION	PACK SIZE
GC2699	Carbodoseur, modified 100mL measuring cylinder with 24/29 socket and GL14 opening and 7mm OD glass tube	ea

CYLINDER MEASURING - GLASS BASE



ROWE CODE	DESCRIPTION	PACK SIZE
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

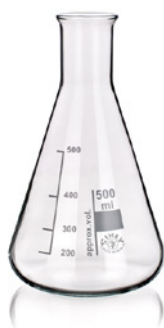


ROWE CODE	DESCRIPTION	PACK SIZE
GC9004	Cylinder measuring tall form spouted 50mL glass with red polypropylene base	ea
GC9005	Cylinder measuring tall form spouted 100mL glass with orange polypropylene base	ea
GC9006	Cylinder measuring tall form spouted 250mL glass with yellow polypropylene base	ea
GC9007	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

CYLINDER MEASURING - PLASTIC BASE WITH STOPPER

ROWE CODE	DESCRIPTION	PACK SIZE
GM9002	Cylinder measuring 50mL glass, polyethylene stopper red polypropylene base blue graduations	ea
GC9010	Cylinder measuring 100mL glass, polyethylene stopper polypropylene base blue graduations	ea
GC9011	Cylinder measuring 250mL glass, polyethylene stopper yellow polypropylene base blue graduations	ea
GC9012	Cylinder measuring 500mL glass, polyethylene stopper polypropylene base blue graduations	ea
GC9013	Cylinder measuring 1L glass, polyethylene stopper with purple polypropylene base blue graduations	ea

FLASKS - ERLLENMEYER/FILTER



ROWE CODE	DESCRIPTION	PACK SIZE
GF1710	Flask erlenmeyer narrow neck rimmed 100mL borosilicate glass	ea
GF1855	Flask erlenmeyer narrow neck rimmed 250mL borosilicate glass	ea
GF2805	Flask erlenmeyer wide neck rimmed 250mL borosilicate glass	ea
GF2010	Flask erlenmeyer narrow neck rimmed 500mL borosilicate glass	ea
GF2160	Flask erlenmeyer narrow neck rimmed 1L borosilicate glass	ea
GF2215	Flask erlenmeyer narrow neck rimmed 2L borosilicate glass	ea
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 (vacuum) with 10mm glass side hose connection, neck I.D. 45mm, 1L glass	ea
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

GLASSWARE



FLASKS - VOLUMETRIC

ROWE CODE	DESCRIPTION	PACK SIZE
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



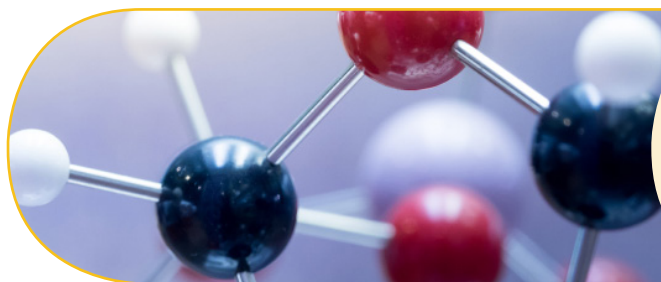
PIPETTES - VOLUMETRIC

ROWE CODE	DESCRIPTION	PACK SIZE
GP9010	Pipette volumetric 'AS' grade 1mL	ea
GP9011	Pipette volumetric 'AS' grade 2mL	ea
GP9014	Pipette volumetric 'AS' grade 5mL	ea
GP9015	Pipette volumetric 'AS' grade 10mL	ea
GP9017	Pipette volumetric 'AS' grade 20mL	ea
GP9008	Pipette volumetric 'AS' grade 25mL	ea
GP9020	Pipette volumetric 'AS' grade 50mL	ea

PIPETTES - GRADUATED

ROWE CODE	DESCRIPTION	PACK SIZE
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
GP2052	Pipette graduated 'AS' grade 25mL with 0.1mL graduations	ea





HEATING MANTLES

IH1170 Electrothermal 500mL Heating and Stirring Electromantle (230V) / EMA0500/CEB

The EMA0500/CEB Electromantle shares all the features of the standard EM Electromantle, with the added functionality of magnetic stirring. The solid state stirring circuitry is built into the base of the main housing and provides powerful stirring over a range of capacities and viscosities. The stir bar is seldom lost due to an "auto-recapture" function.

Magnetic Stirring

The EMA Electromantle Stirring operation is simply achieved by placing the correct size stir bar into the flask, turning the stir control to the minimum speed and ramping up slowly. If the magnetic coupling to the stir bar is lost for any reason, the stir speed control should be reduced slightly and the auto-recapture switch can be activated.

Key Features

- Accepts 500mL round bottom flasks
- Bi-directional stirring speeds up to 520rpm
- Stir bar "auto-recapture" function
- Unique ventilation keeps outer casing cool
- Maximum element temperature 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- Indicator lamps for power and heater operation
- A chemically resistant polypropylene outer casing
- A grounded earth screen and double fuses for extra safety
- Clamp for 13mm support rod (not included).



IH1170

IH1190 Electrothermal 500mL Electromantle Heating Mantle (230V)

The EM0500/CE Electromantle has a durable, chemically resistant polypropylene outer housing that minimises damage from spills. It allows for maximum heat transfer with minimal risk of flask breakage.

Designed with flexibility and ease of use in mind, the EM0500/CE Electromantle is a reliable workhorse for your heating applications in the laboratory. All EM Electromantles have a built-in energy regulator with indicator lamps for power and heater operation. All mantles have support rod clamps as an integral feature and incorporate a grounded earth screen and double fuses for added safety.

Key Features

- Use with 500mL round bottom flasks
- Unique ventilation keeps outer casing cool
- Maximum element temperature 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- Indicator lamps for power and heater operation
- A chemically resistant polypropylene outer casing
- A grounded earth screen and double fuses for extra safety
- Supplied with clamp for 13mm diameter support rod (not included).



IH1190

IH12420 Electrothermal 250mL V-shaped Heating Electromantle (230V) / EMV0250/CE

The EMV0250/CE V-shaped Electromantle may accommodate 60° funnels, pear-shaped or round bottom flasks up to a capacity of 250mL. The stainless steel earth screen covers the heater element to protect you from shock hazards due to spills or flask breakage.

Key Features of EMV V-shaped models

- Bottom opening accommodates round bottom and pear-shaped flasks and 60° funnels of various diameters
- Capacity between 100mL to 250mL
- Coiled heating element, suspended within a thermal insulating cartridge, provides maximum heat transfer and support
- Unique ventilation keeps outer casing cool
- Maximum element temperature 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- Indicator lamps for power and heater operation
- Chemically resistant polypropylene outer casing
- Grounded earth screen and double fuses for added safety
- Clamp for 13mm support rod (not included).



IH12420

We have a range of varying sizes and configurations to choose from. Call our office or view online at www.rowe.com.au



Electrothermal

KJELDAHL SYSTEMS



1. Recirculating Water Pump - JP

Recirculating Water Pump that ensures optimum aspiration depending on the digestion phases and the number of samples placed in the digester connected to the pump.

Rowe code: IP2050

2. Scrubber - SMS

Designed to neutralize corrosive and toxic fumes produced during the digestion process.

Rowe code: IS5100

3. Kjeldahl Digestion Units - DKL & DK Series

Both automatic and manual Kjeldahl Digestion Units for nitrogen analysis and protein determination that incorporate the revolutionary TEMS™ technology for unprecedented savings in terms of Time, Energy (as much as 35%) Money and Space.

NOTE: Digesters available in DK series without automatic lift. Read more about some of the range below.



DKL 8 (8-position with 250 mL tubes, Ø 42 mm)
Rowe Code: ID0070

DKL 12 (12-position with 250/400 mL tubes, Ø 42 mm)
Rowe Code: ID0069

DKL 20 (20-position with 250/400 mL tubes, Ø 42 mm)
Rowe Code: ID1704

DK20 (Digester Heating 42-place with temperature ramp DK42/26)
Rowe Code: ID1715

High Technology

- Microprocessor precision control of block temperature
- Real time display of process steps
- 54 programs (30 pre-installed, 24 customizable)

Automated Operation

- Automatic calibration for maximum precision & repeatability
- No hands lowering and lifting of test tubes
- Auto separation of manifold from the rack

Outstanding Reliability

- Aluminum block for absolute temperature homogeneity
- Unmatched conductivity for fast response up to 450 °C
- Conforms to Good Laboratory Practice standard
- Premium quality consumables

Practical Functionality

- LCD display for immediate understanding
- Up to 6 languages available from a wide selection
- All necessary items supplied in one package
- Very small footprint



KJELDAHL SYSTEMS

Modern Kjeldahl apparatus (UDK159 & 169) combines distillation and titration in one automated method.

VELP Scientifica has developed the widest range of Kjeldahl apparatus consisting of digestion units (traditional or automatic models) and four distillation units with multiple innovations and features that distinguish them from conventional instruments, to respond to the different needs in R&D, QC and QA laboratories of today.

VELP Scientifica Kjeldahl apparatus have been designed to maximize automation, liberating laboratory staff and providing the best conditions for reproducible results. In addition to the objectives for improving the Kjeldahl analysis, substantial effort has been invested in creating eco-friendly equipment – eco in terms of ecology, and also in terms of economy.



UDK 129 Kjeldahl Distillation Unit

Entry-level unit with the same technology as our top of the range instrument. Runs automatically after setting sodium hydroxide addition and distillation time.

Rowe Code: ID8000



UDK 139 Semi-Automatic Kjeldahl Distillation Unit

Same patented steam generator and titanium condenser as our top of the range instrument. Runs automatically after setting distillation time, water and sodium hydroxide addition, and steam generation output.

Rowe Code: ID8025



UDK 149 Automatic Kjeldahl Distillation Unit

All the features listed with previous units, can be connected to different automatic titrators and connects to printer or PC. Memory for 20 customizable methods. Runs automatically after setting distillation time, water, boric acid and sodium hydroxide addition, and steam generation output.

Rowe Code: ID8050



UDK 159 Automatic Kjeldahl Analyzer

All the features listed with previous units, with integrated colourimetric titrator (AOAC recommended) and automatic titration vessel cleaning. Has a 55 program library and comprehensive reporting system. Delivers shorter analysis time, is maintenance-free and has no need for frequent calibration.

Rowe Code: ID8075

Applications include determining ammoniacal nitrogen, protein determination, nitrogen content (Kjeldahl or direct alkaline distillation), nitric nitrogen (after reduction/Devarda), phenols, volatile acids, cyanides and alcohol content.

UDK 169 Automatic Kjeldahl Analyzer (pictured with optional AutoKjel Autosampler)

Fully automatic Kjeldahl Analyzer (distillation unit plus integrated colourimetric titrator) with connection to autosampler, for high sample throughput, maximum flexibility and unattended operation.

The UDK 169 is the extremely innovative, intuitive and simple solution for Kjeldahl nitrogen/protein determination at the same time. It can be used as stand-alone or combined with the AutoKjel autosampler for unattended operation and automatic processing of up to 24 samples. The best configuration when high productivity is needed.

Rowe Code: ID8169



LIQUID HANDLING



LAB MAX™ DISPENSERS

ROWE CODE	DESCRIPTION	PACK SIZE
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
DD1178	Dispenser Labmax® 5-50mL airless suitable for acids (not HF) and solvents	ea



OPTIFIX™ DISPENSERS

ROWE CODE	DESCRIPTION	PACK SIZE
DL5350	Optifix dispenser 5mL basic	ea
DL5400	Optifix dispenser 10mL basic	ea
DL5500	Optifix dispenser 50mL basic	ea
DL6030	Optifix dispenser 5mL safety	ea
DL6050	Optifix dispenser 10mL safety	ea
DL6100	Optifix dispenser 50mL safety	ea
DL5160	Optifix dispenser 5mL solvent	ea
DL5170	Optifix dispenser 10mL solvent	ea
DL5180	Optifix dispenser 50mL solvent	ea



BRAND DISPENSERS

ROWE CODE	DESCRIPTION	PACK SIZE
DB0016	Dispensette S analog-adjustable 0.1-1mL x 0.02mL with recirculation valve	ea
DD0033	Dispensette S analog-adjustable 0.2-2mL x 0.05mL with recirculation valve	ea
DD0034	Dispensette S analog-adjustable 0.5-5mL x 0.1mL with recirculation valve	ea
DB0018	Dispensette S analog-adjustable 1-10mL x 0.2mL with recirculation valve	ea
DD0035	Dispensette S analog-adjustable 2.5-25mL x 0.5mL with recirculation valve	ea
DB0019	Dispensette S analog-adjustable 5-50mL x 1.0mL with recirculation valve	ea
DD0058	Dispensette S digital 0.1-1mL with recirculation valve	ea
DD0023	Dispensette S digital 0.2-2mL with recirculation valve	ea
DB0022	Dispensette S digital 0.5-5mL with recirculation valve	ea
DB0014	Dispensette S digital 2.5-25mL with recirculation valve	ea
DD0025	Dispensette S digital 5-50mL with recirculation valve	ea



Above models include recirculation valve, allowing priming without waste. Organic and fixed volume units also available.

PIPETTES - BRAND



ROWE CODE	DESCRIPTION	PACK SIZE
DP0061	Pipettor, Transferpette S, 0.1-2.5uL adjustable volume, BRAND	ea
DP0062	Pipettor, Transferpette S, 0.5-10uL adjustable volume, BRAND	ea
DP0063	Pipettor, Transferpette S, 2-20uL adjustable volume, BRAND	ea
DP0064	Pipettor, Transferpette S, 5-50uL 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





LIQUID HANDLING

PIPETTES - POSITIVE DISPLACEMENT FOR VISCOUS LIQUIDS



ROWE CODE	DESCRIPTION	PACK SIZE
DL2821	Transferpettor 2.5-10uL variable volume positive displacement	ea
CB1966	Transferpettor 5-25uL variable volume positive displacement	ea
CB1954	Transferpettor 10-50uL variable volume positive displacement	ea
DL2820	Transferpettor 20-100uL variable volume positive displacement	ea
DP2420	Transferpettor 100-500uL variable volume positive displacement	ea
DP2430	Transferpettor 200-1000uL variable volume positive displacement	ea
DL2055	Transferpettor 1-5mL variable volume positive displacement	ea
DL2105	Transferpettor 2-10mL variable volume positive displacement	ea

PIPETTORS - ECONOMY RANGE



ROWE CODE	DESCRIPTION	PACK SIZE
DP0130	Pipettor DLab 0.1-2.5uL, Micropette plus, autoclavable	ea
DP0131	Pipettor DLab 0.5-10uL, Micropette plus, autoclavable	ea
DP0114	Pipettor DLab 2-20uL, Micropette plus, autoclavable	ea
DP0142	Pipettor DLab 5-50uL, Micropette plus, autoclavable	ea
DP0116	Pipettor DLab, 10-100uL single-channel, adjustable volume, mechanical autoclavable, micropette plus	ea
DP0104	Pipettor DLab, 20-200uL single-channel, adjustable volume, mechanical autoclavable, micropette plus	ea
DP0143	Pipettor DLab, 50-200uL single-channel, adjustable volume, mechanical autoclavable, micropette plus	ea
DP0105	Pipettor DLab, 100-1000uL single-channel, adjustable volume, mechanical autoclavable, micropette plus	ea
DP0144	Pipettor DLab, 200-1000uL single-channel, adjustable volume, mechanical autoclavable, micropette plus	ea
DP0119	Pipettor DLab, 1mL-5mL single-channel, adjustable volume, mechanical autoclavable, micropette plus	ea

PIPETTE TIPS - ECONOMY RANGE



BRAND



ROWE CODE	DESCRIPTION	PACK SIZE
DL3940	Tip, pipette yellow graduated to suit Eppendorf, Gilson, Finnpipette, Rainin, Biohit (Boeco) 200uL	1000
PT0246	Tip, pipette blue graduated to suit Eppendorf Gilson, Finnpipette, bulk pack 1000uL	500
DL3959	Tip, pipette clear graduated to suit Eppendorf, Gilson, Finnpipette, Boeco, Witeg 1000uL	500
DL3974	Tip, pipette clear graduated to suit Eppendorf 5mL	250
DT0005	Tip, pipette clear to suit Rainin, Gilson 5mL	250
DL3907	Tip, pipette clear graduated to suit Boeco, Gilson, BRAND 10mL	100

We also have a full range of filter tips in stock below

DT0025	Tip, pipette, 10uL, universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Biohit (Boeco), Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960
DT0026	Tip, pipette, 20uL, universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Biohit (Boeco), Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960
DT0027	Tip, pipette, 50uL, universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Biohit (Boeco), Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960
DT0028	Tip, pipette, 100uL, universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Biohit (Boeco), Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960
DT0029	Tip, pipette, 200uL, universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Biohit (Boeco), Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960
DT0030	Tip, pipette, 300uL, universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Biohit (Boeco), Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960
DT0031	Tip, pipette, 1000uL (1mL) universal filter Maxipense ultra low retention graduated racked sterile (10 racks x 96 tips) to suit Eppendorf, Finnpipette, Gilson, Nishiryo, Rainin	960

Sterile, loose or racked, we have you covered.

LIQUID HANDLING



PIPETTE TIPS - PROFESSIONAL

ROWE CODE	DESCRIPTION	PACK SIZE
PB0339	BRAND pipette tips, bulk, volume 0.1-20uL, pack of 2000 ea (2 bags of 1000)	2000
PB0340	BRAND pipette tips, bulk, volume 2-200uL, pack of 1000 ea (1 bags of 1000)	1000
PB0341	BRAND pipette tips, bulk, volume 50-1000uL, pack of 1000 ea (2 bags of 500)	1000
PB0342	BRAND pipette tips, bulk, volume 5-300uL, pack of 1000 ea (1 bags of 1000)	1000
PB0347	BRAND pipette tips, bulk, volume 0.5-5mL, bulk, XXL	1000
PB0348	BRAND pipette tips, bulk, volume 1-10mL, bulk, XXL	200

PASTEUR PIPETTES

ROWE CODE	DESCRIPTION	PACK SIZE
GP2520	Pipette pasteur 145mm long glass	1,000
GP2660	Pipette pasteur 230mm long glass	1,000
PP1914	Pipette pasteur graduated to 1mL 5mL capacity 150mm long LDPE	500
PP2102	Pipette pasteur graduated to 3mL 7mL capacity 150mm long LDPE	500
PP0091	Pipette 1mL transfer (pasteur) disposable graduated 5mL total capacity sterile individually wrapped LDPE	500



MICROSCOPES



MICROSCOPES

ROWE CODE	DESCRIPTION	PACK SIZE
EM2480	Microscope stereo cold lightsource complete with twin fibre optic swan neck	ea
EM0141	Microscope biological e5-series binocular 4x, 10x, 40x & 100x Achromat objectives 10x WF eyepieces 3W led illumination.	ea
EM0148	Microscope stereo model ST30-2L halogen dual illumination pillar stand	ea
EM0160	Microscope EX20-B-H binocular with 4x, 10x, 40x & 100x plan Achromat (infinity) objectives 10x WF eyepieces rackless mechanical stage NA 1.25 Koehler condenser 6V20W halogen illumination 100-240V AC.	ea
EM0169	Microscope stereo zoom SZM7045TR trinocular head 7x - 45x magnification camera (OD300) universal stand with double arm (SZ-STL2) led ring light (LY220) + eyepiece with reticle	ea
EM0181	Microscope EX30-T-LED with 30° gemel trinocular head HEP PL10x / 20mm (AD) eyepieces Plan Achromat infinity objectives 4x, 10x, 40x, 100x 3W led mechanical stage Koehler NA 1.25 condenser & tools	ea
EM0182	Microscope stereo zoom trinocular with ST2 stand (SZ6745TR+SZMST2)	ea

EM0160



EM0141



EM0169



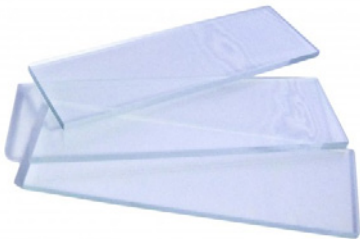


MICROSCOPES

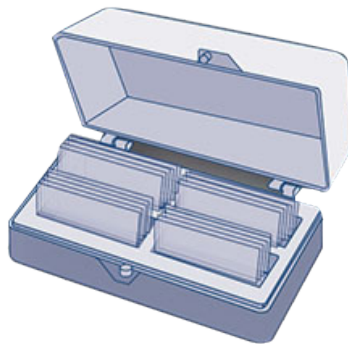
MICROSCOPE SLIDES, COVER SLIPS AND ACCESSORIES

ROWE CODE	DESCRIPTION	PACK SIZE
GM2715	Microscope slides frosted one end/one side 45° clipped corners ground edges 75x 25mm tissue interleaved/cellophane packed glass	50
EM0077	Microscope slides plain standard grade interleaved ground edges 90° corners 75x25x1.0mm	50
EM0079	Microscope slides frosted one end both sides standard grade interleaved ground edges 90° corners 75 x 25 x 1.0mm.	50
EM0170	Microscope cover glass 22x22mm superwhite glass 1.5# 0.16-0.19mm thick 200pcs/hinged-lid box individually wrapped aluminum vacuum pack with desiccant	200
GM2305	Cover slips 22x22mm, No.1, Super white glass, 200pcs/hinged-lid box, in aluminium vacuum pack with desiccant	200
GH0049	Haemocytometer counting chamber, Neubauer improved double ruled including 2 coverslips	ea
PM4058	Microscope slide box 100 place, fits 76.2x25.4mm red, with steel lock and mounted index card, ABS plastic	ea
ED1420	Dissecting kit 10 pieces in zip up pouch	ea
CI3812	Immersion oil for microscopy refractive index (nD) ~1,516. : 100mL	ea

GM2715



GM2305



PM4058



EM0170



ED1420



OVENS AND INCUBATORS

INCUCELL® AND FRIOCELL®

ROWE CODE	DESCRIPTION	UNIT
II0087	Incubator, natural air convection "Incucell® 22 ECO", ambient +5°C Up To 99.9°C, volume 22L, I.D. 240mmWx350mmDx300mmH O.D. 406mmWx560mmDx610mmH with two chrome plated trays	ea
II0085	Incubator natural air convection Incucell® 55 ECO ambient +5°C up to 99.9°C volume 55L I.D. 400mmWx370mmDx350mmH O.D. 620mmWx640mmDx680mmH with two chrome plated trays	ea
II0084	Incubator with natural air convection Incucell® 111 ECO ambient +5°C Up To 99.9°C volume 111L I.D. 540mmWx370mmDx530mmH O.D. 760mmWx640mmDx860mmH with two chrome plated trays	ea
II0091	Incubator forced air convection Incucell® V55 ECO ambient +10°C up to 99.9°C volume 55L I.D. 400mmWx370mmDx350mmH O.D. 620mmWx640mmDx680mmH with two chrome plated trays	ea
II0090	Incubator with forced air convection Incucell® V111 ECO ambient +10°C up to 99.9°C volume 111L I.D. 540mmWx370mmDx530mmH O.D. 760mmWx640mmDx860mmH with two chrome plated trays	ea
II0059	Incubator, refrigerated, "Friocell®" With "EVO" controller, volume = 55L, temp = 0 to 99.9°C, I.D. 400mmWx380mmDx355mmH, O.D. 640mmWx755mmDx940mmH, with two chrome plated trays	ea
II0060	Incubator, refrigerated, "Friocell®" with "EVO" controller, volume = 111L, Temp = 0 to 99.9°C, I.D. 540mmWx380mmDx535mmH, O.D. 780mmWx755mmDx1187mmH, with two chrome plated trays	ea

VENTICELL®

ROWE CODE	DESCRIPTION	UNIT
IO0128	Oven forced air convection "Venticell® 22 ECO", ambient +10°C up to 250°C volume 22L, I.D. 240mmwx320mmdx300mmh, O.D. 405mmWx560mmDx610mmH, with two chrome plated trays	ea
IO0129	Oven forced air convection "Venticell® 55 ECO", ambient +10°C up to 250°C volume 55L, I.D. 400mmWx370mmDx350mmH, O.D. 620mmWx640mmDx680mmH, with two chrome plated trays	ea
IO0130	Oven forced air convection "Venticell® 111 ECO", ambient +10°C up to 250°C volume 111L, I.D. 540mmWx370mmDx530mmH, O.D. 760mmWx640mmDx860mmH, with two chrome plated trays	ea
IO0131	Oven forced air convection "Venticell® 222 ECO", ambient +10°C up to 250°C volume 222L, I.D. 540mmWx520mmDx760mmH, O.D. 760mmWx790mmDx1095mmH, with two chrome plated trays	ea



Inside the Incucell® - stainless steel interior



*Stands purchased separately.

PLASTICWARE

BEAKERS

ROWE CODE	DESCRIPTION	PACK SIZE
PB3850	Beaker 50mL low form polypropylene	ea
PB3855	Beaker 50mL polypropylene	ea
PB3950	Beaker 100mL low form polypropylene	ea
PB3955	Beaker 100mL polypropylene	ea
PB4000	Beaker 250mL low form polypropylene	ea
PB4002	Beaker 250mL polypropylene	ea
PB4100	Beaker 500mL low form polypropylene	ea
PB4102	Beaker 500mL polypropylene	ea
PB4200	Beaker 1L low form polypropylene	ea
PB4202	Beaker 1L polypropylene	ea



BOTTLES - WASH

ROWE CODE	DESCRIPTION	PACK SIZE
PW1000	Wash bottle 250mL polyethylene with integral side spout tube dispensing tip & closure cap	ea
PW1810	Wash bottle round 250mL plastic	ea
PW2310	Wash bottle wide neck 250mL LDPE/PP closure (natural cap)	ea
PW1200	Wash bottle 500mL polyethylene with integral side spout tube dispensing tip & closure cap	ea
PW1302	Wash bottle integral tube 500mL LDPE/PP closure	ea
PW2225	Wash bottle round 500mL plastic	ea
PW2445	Wash bottle "methanol" safety labelled & vented, green cap, 500mL LDPE	ea
PW1378	Wash bottle "ethanol" safety labelled & vented, white cap, 500mL LDPE	ea
PW1406	Wash bottle "distilled water" safety labelled & vented, natural cap, 500mL LDPE	ea
PW2365	Wash bottle wide neck 500mL LDPE/PP closure (natural cap)	ea
PW2380	Wash bottle wide neck 1000mL LDPE/PP closure (natural cap)	ea

CUVETTES

ROWE CODE	DESCRIPTION	PACK SIZE
CB1823	Cuvette visible macro, 2.5-4.5mL, PS	1000
CB1997	Cuvettes UV, macro, fill volume 2.5-4.5mL, 230-900nm	100
CC2456	Cuvettes, Plastibrand, PS, 10mm semi micro	100
CB1999	Cuvettes UV, semi-micro, fill volume 1.5-3.0mL, 230-900nm	100
GC1116	Cell 10mm P.L. UV quartz type 1, 170-2700nm	ea
PS2550	Stirring rod for cuvettes polystyrene 90mm Long	100



Starna®

CYLINDERS - MEASURING

ROWE CODE	DESCRIPTION	PACK SIZE
PC0174	Measuring cylinder 100mL, Tall form, class A TPX	ea
PC0167	Measuring cylinder 100mL, Tall form, class B TPX	ea
PC0177	Measuring cylinder 1000mL, Tall Form, class A TPX	ea
PC0170	Measuring cylinder 1000mL, Tall Form, class B TPX	ea

Measuring cylinders continued on next page

We have all sizes in between.

PLASTICWARE



CYLINDERS - MEASURING CONTINUED

ROWE CODE	DESCRIPTION	PACK SIZE
PC0160	Measuring cylinder 250mL, tall form, class B, polypropylene	ea
PC0168	Measuring cylinder 250mL, tall form, class B, TPX	ea
PC0161	Measuring cylinder 500mL, tall form, class B, polypropylene	ea
PC0169	Measuring cylinder 500mL, tall form, class B TPX	ea
PC0162	Measuring cylinder 1000mL, tall form, class B, polypropylene	ea
PC0170	Measuring cylinder 1000mL, tall form, class B TPX	ea



JUGS

ROWE CODE	DESCRIPTION	PACK SIZE
PJ1105	Jug 500mL polypropylene	ea
PJ1157	Jug 1L polypropylene	ea
PJ1205	Jug 2L polypropylene	ea
PJ1305	Jug 5L polypropylene	ea



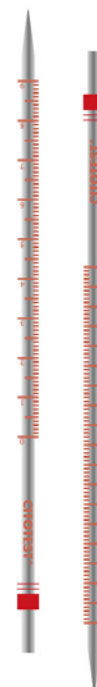
PIPETTE HOLDERS & WASHERS

ROWE CODE	DESCRIPTION	PACK SIZE
PP1600	Pipette stand only (no base) to Suit PP1650	ea
PP1650	Pipette stand base only (no stand) includes PVC rod to suit PP1600	ea
PP0097	Pipette stand rotary 94-Place	ea
PP1700	Pipette holder 16 position 200x75x150mm	ea
PP1310	Pipette washer automatic 990mm high	ea
PP1300	Pipette basket 300mm total height 650x130mm diameter	ea



PIPETTE - SEROLOGICAL

ROWE CODE	DESCRIPTION	PACK SIZE
PP0001	Pipette serological 1mL x 0.01mL divisions PS disposable gamma sterile individually wrapped (peel-pack) 25 pieces/bag, 40 bags/box	1000
PP0019	Pipette serological 1mL x 0.01mL divisions bulk polystyrene disposable gamma sterile inner polybag of 25 pieces/bag, 40 bags/box	1000
PP0002	Pipette serological 2mL x 0.01mL divisions PS disposable gamma sterile individually wrapped (peel-pack) 25 pieces/bag, 32 bags/box	800
PP0020	Pipette serological 2mL x 0.01mL divisions, bulk, polystyrene, disposable gamma sterile, inner polybag of 25 pieces/bag, 32 bags/ box	800
PP0003	Pipette serological disposable 5mL x 0.1mL graduations individually wrapped (peel-pack) polystyrene - gamma sterile 25 pieces/bag, 12 bags/box	300
PP0021	Pipette serological 5mL x 0.1mL divisions, bulk, polystyrene, disposable gamma sterile, inner polybag of 25 pieces/bag, 20 bags/box	500
PP0004	Pipette serological disposable 10mL x 0.1mL graduations individually wrapped (peel-pack) polystyrene - gamma sterile 25 pieces/bag, 8 bags/box	200
PP0022	Pipette serological disposable 10mL x 0.1mL graduations bulk pack polystyrene - gamma sterile inner polybag of 25 pieces/bag, 14 bags/box	350
PP0005	Pipette serological 25mL x 0.2mL divisions PS disposable gamma sterile individually wrapped (peel-pack) 25 pieces/bag 8 bags/box	200
PP0006	Pipette serological disposable 50mL x 1mL graduations individually wrapped (peel-pack) polystyrene - gamma sterile 25 pieces/bag, 4 bags/box	100



Call us today for a free sample.



PLASTICWARE

PETRI DISHES, TUBES, CONTAINERS & PET BOTTLES

ROWE CODE	DESCRIPTION	PACK SIZE
PP1194	Dish petri gamma sterile vented 60mm polystyrene	1000
PP1123	Dish petri gamma sterile vented 90mm polystyrene	600
PP1135	Dish petri clean room manufactured 90mm polystyrene	600
PP1124	Dish petri 90x15mm polystyrene stacker plate clean environment manufactured	600
PP1125	Dish petri gamma sterile 90mm polystyrene	600
PT0477	Tube 10mL (9716) flat bottom polystyrene scramble packed	1500
PT1255	Tube 12mL 100mm x 16mm round bottom polypropylene	2000
PT2320	Tube culture 16x150mm 20mL polystyrene	1000
PC1079	Container 55x27mm 25mL unlabelled yellow cap gamma sterile polypropylene	500
PT1657	Container 28mL polypropylene 68x27mm with yellow polyethylene screw cap clean room manufactured	1000
PC1255	Container 30mL 80x27mm yellow capped polystyrene	900
PV1360	Container 102x27mm 50mL polypropylene with yellow screw cap clean environment manufactured	700
PV1555	Container 44x57mm 70mL polypropylene with yellow polyethylene screwcap	550
PC0015	Container 70mL yellow cap unlabelled sterile 57mmH x 47mmW polypropylene	550
PV1585	Container 70mL with natural cap 44mmH x 57mmD polypropylene	550
PC0037	Container sample unlabelled natural capped 120mL 108x44mm polystyrene	264
PC0034	Container sample unlabelled yellow capped gamma sterile 120mL 108x44mm polypropylene	264
PC1018	Container plastic 120mL 92x46mm unlabelled yellow cap gamma sterile	300
PV1631	Container 250mL polystyrene unlabelled yellow cap gamma sterile	147
PV1655	Container 500mL polystyrene unlabelled yellow cap gamma sterile	72
PB3302	Bottle 500mL PET unlabelled gamma sterile with white screw cap	92
PB1975	Bottle 500mL PET, narrow tamper proof screw cap, sodium thiosulfate dosed, gamma sterile - no label	92
PB1976	Bottle 500mL PET sodium thiosulfate dosed PP screw cap with label	92

RACKS - TEST TUBE

ROWE CODE	DESCRIPTION	PACK SIZE
PR0002	Test tube rack white 16mm 5 x 12 array polypropylene	ea
PR0003	Test tube rack blue 16mm 5 x 12 array polypropylene	ea
PR0004	Test tube rack red 16mm 5 x 12 array polypropylene	ea
PR0005	Test tube rack yellow 16mm 5 x 12 array polypropylene	ea
PR0014	Test tube rack blue 30mm 3 x 8 array nylon (also suits 50mL PP conical centrifuge tube)	ea
PR0013	Test tube rack white 30mm 3 x 8 array nylon (also suits 50mL PP conical centrifuge tube)	ea
PR0015	Test tube rack red 30mm 3 x 8 array nylon (also suits 50mL PP conical centrifuge tube)	ea
PR0016	Test tube rack yellow 30mm 3 x 8 array nylon (also suits 50mL PP conical centrifuge tube)	ea

STIRRING BARS

ROWE CODE	DESCRIPTION	PACK SIZE
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



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Techno Plas
Excellence in Plastic Consumables & Custom Moulding

ROTARY EVAPORATOR

1L Digital Rotary Evaporator

The RE100-Pro LCD Digital Rotary Evaporator is an essential instrument in chemical laboratories for the efficient and gentle removal of solvents from samples by evaporation. It offers an excellent distilling solution in a wide range of applications.



Features

- Digital display for both rotation speed and heating temperature allows for optimal control of the distillation processes
- An automated and motorised release mechanism raises the evaporation flask to a safe position in case of a power failure
- Selectable temperature range of the 5L heating bath, from room temperature to 180 °C, with integrated over temperature protection at 220°C
- Speed range from 20 to 280 rpm, and interval operation in clockwise and anticlockwise directions to aid in the drying process
- Patented condenser (cooling surface 1,500 cm²) with excellent cooling efficiency
- Ejection mechanism ensures easy removal of evaporating flask
- Patented double spring sealing ring, made of PTFE provides a reliable seal
- Remote function enables PC control and data connectivity.



SAFETY

CABINETS

ROWE CODE	DESCRIPTION	UNIT
 HC3085	Storage cabinet corrosive 30L external dimensions 800mmH x 500mmW x 443mmD ID Storemasta®	ea
 HC3082	Storage cabinet flammable 30L external dimensions 800H x 500W x 443mmD ID Storemasta®	ea

STOREMASTA®

HC3082



HC3085



**Is what you're after not shown?
Call us. We either have it or will find it for you.**



SAFETY

EYE PROTECTION

ROWE CODE	DESCRIPTION	UNIT
PE1000	Eye wash station green polystyrene with 500mL eye wash bottle polyethylene	ea
AP1050	Brow guard with ratchet headband	ea
HS0900	Hard hat white, cap slotted Tough Master 3	ea
NM0003	Mask face shield Bolle Sphere complete face shield with head gear and visor	ea
NG0021	Glasses safety Bolle Cobra spectacle anti scratch anti fog clear lens	ea
NG0037	Safety glasses Bolle Hustler anti scratch anti fog clear lens gloss black frame	ea
NG0050	Safety glasses Bolle Overlight II anti scratch anti fog clear lens	ea
NG0055	Safety glasses Bolle Prism anti scratch anti fog clear lens	ea
NG0063	Safety glasses Bolle Prism Seal anti scratch anti fog clear lens	ea
NG0083	Safety glasses Bolle Rush+ seal platinum anti scratch anti fog clear lens with gasket & strap	ea
PS1176	Safety glasses, Bolle Blade clear lens	ea
PS0230	Safety glasses, Bolle Rush plus, clear lens	ea
PS1144	Safety glasses clear plastic polycarb fog/scratch resistant coating	ea
AV1415	Visor green Thermoguard shade 5 250mm x 400mm	ea
AP1350	Visor face shield 200mm clear	ea

NM0003



PE1000



AP1050



PS0230



NG0083



PS1176



NG0050



NG0063



GLOVES

ROWE CODE	DESCRIPTION	UNIT
HG1891	Gloves disposable nitrile small powder free "Touch n Tuff" (size 6.5 - 7)	100
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

cryokit™

Cryogenic gloves now available

Cryogenic Glove Cryokit Chef, Waterproof, Glove Length 30cm, Suitable For Food Contact

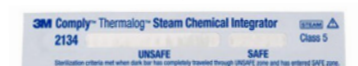
ROWE CODE	SIZES	UNIT
HC0324	7	pr
HC0325	8	pr
HC0326	9	pr
HC0327	10	pr
HC0328	11	pr



We have a large selection of gloves in many sizes.

HYGIENE

ROWE CODE	DESCRIPTION	UNIT
NS0014	Swab kit, gluten, allerflow, surface residue test kit (25)	ea
KS0037	Swabs, ATP surface test, "ultrasnap"	ea
NT0017	Test Elisa allergen almond agratsrip method (pass/fail) 2ppm minimum detection limit	ea
NH1503	Swab Hygiena pro-clean rapid protein residue test	ea
NS0012	Swab Hygiena insite, environmental salmonella	ea
FI1002	Indicator strips sterilization Thermalog-S	ea
KS0039	Swab, path check listeria kit	ea



STERILISATION

STERICELL®

STERICELL® HOT AIR STERILISER



IS0174

STERICELL® is ideal for hot air sterilisation of materials and instruments whilst maintaining a stable temperature for a pre-determined duration.

The built in fan quietly circulates air within the chamber to ensure an even distribution of heat and eliminates the formation of "cold air" areas within the chamber.

Volume: **111L**

Temp: **Ambient +10°C - 250°C**

Interior: **Stainless Steel**

Internal Dimension:

540mmW x 390mmD x 530mmH



ROWE CODE	DESCRIPTION	UNIT
IS0174	Steriliser, hot air "Stericell 111", ambient +10 up to 250 deg C, volume 111L, with 2 chrome plated trays, I.D. 540mmW x 390mmD x 530mmH, O.D. 760mmW x 640mmD x 680mmH	ea

AUTOCLAVES

The Laboklav 25 series of autoclaves are suitable for the sterilisation of liquid media (5 x 1L bottles), pipette tips, reaction tubes, laboratory waste and many more applications. The autoclave is equipped with an integrated steam generator, separate tanks for fresh water and condensate and an automatic door locking system for added safety.

ROWE CODE	DESCRIPTION	UNIT
IA0160	Autoclave, bench-top, basic unit "Laboklav 25B", with integrated steam generator, automatic closing system, 25L nominal capacity - can fit up to 5 x 1L lab bottles	ea
IL0086	Autoclave, bench top, "Laboklav 25-MV", air cooling, with integrated vacuum pump, rapid recooling, steam generator, automatic closing system, 25L nominal capacity - can fit up to 5 x 1L lab bottles, 240V/10amp	ea
IA0161	Autoclave bench-top Laboklav 25M air cooling with integrated steam generator and rapid recooling automatic closing system 25L nominal capacity - can fit up to 5 x 1L lab bottles	ea
IA0162	Autoclave bench-top 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	ea



INDICATOR TAPES AND BAGS

ROWE CODE	DESCRIPTION	UNIT
PA1101	Autoclave indicator tape, yellow in colour, 19mm x 50m	ea
PA0019	Autoclave indicator tape 55m x 13mm	ea
PA1315	Autoclave bag, large 72 x 91cm, 80 micron, natural, printed, biohaz	ea
PA1314	Autoclave bag, medium 57 x 75cm, natural, printed, biohaz	ea
PA1313	Autoclave bag, small 305mm x 610mm, natural, printed, biohaz, plastic	ea
PA0060	Autoclave bag, medium 57 x 75cm, yellow, printed, biohazard	ea
HA0011	Autoclave pouch self sealing with two built-in sterilisation indicators, Surgi+Seal, 250x370mm	ea
PA1175	Autoclave bags, Guardian No.2, 340x200x30mm, paper	500
PA9065	Autoclave bags, satchel steriloop no.8, 195 x 70 x 35mm, paper	2000



PA1101



HA0011

SANITATION CONTROL

ATP DETECTION - NOVALUM II

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 will 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.



novaLUM® II



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.

SCOOPS, SPOONS & SPATULAS



SCOOPS - LABOPLAST®

ROWE CODE	DESCRIPTION	PACK SIZE
PS0063	Scoop single use without lid 141mm 25mL plastic	10
PS0065	Scoop single use with lid 142mm 25mL plastic	10
PS0066	Scoop single use without lid 160mm 50mL plastic	10
PS0067	Scoop single use with lid 161mm 50mL plastic	10
PS0068	Scoop single use without lid 205mm 100mL plastic	10
PS0069	Scoop single use with lid 206mm 100mL plastic	10
PS0070	Scoop single use without lid 216mm 150mL plastic	10
PS0071	Scoop single use without lid 218mm 150mL plastic	10



SCOOPS - STERIPLAST® (GAMMA STERILE)

ROWE CODE	DESCRIPTION	PACK SIZE
PS0048	Scoop single use without lid 141mm 25mL plastic	10
PS0049	Scoop single use with lid 142mm 25mL plastic	10
PS0051	Scoop single use without lid 160mm 50mL plastic	10
PS0052	Scoop single use with lid 161mm 50mL plastic	10
PS0053	Scoop single use without lid 205mm 100mL plastic	10
PS0054	Scoop single use with lid 206mm 100mL plastic	10
PS0055	Scoop single use without lid 216mm 150mL plastic	10
PS0056	Scoop single use without lid 218mm 150mL plastic	10



SPOONS - LABOPLAST®

ROWE CODE	DESCRIPTION	PACK SIZE
PS0072	Spoon single use packed 127mm 2.5mL plastic	100
PS0073	Spoon single use packed 170mm 10mL plastic	100



SPOONS - STERIPLAST® (GAMMA STERILE)

ROWE CODE	DESCRIPTION	PACK SIZE
PS0057	Spoon single use packed 127mm 2.5mL plastic	100
PS0058	Spoon single use packed 170mm 10mL plastic	100



SPATULAS- LABOPLAST®

ROWE CODE	DESCRIPTION	PACK SIZE
PS0074	Spatula single use w/o cover 263mm insert to 150mm plastic	10
PS0075	Spatula single use with cover 263mm insert to 150mm plastic	10

SPATULAS- STERIPLAST® (GAMMA STERILE)

ROWE CODE	DESCRIPTION	PACK SIZE
PS0059	Spatula single use w/o cover 263mm insert to 150mm plastic	10
PS0061	Spatula single use with cover 263mm insert to 150mm plastic	10



SCOOPS, SPOONS AND SPATULAS



Pharma/Food scoops Ref:53240010

Like all samplers for the pharmaceutical industry, they are made of Stainless steel V4A without edges, crevices or undercuts in which sample residues could collect and contaminate subsequent samples. The highly polished inner and outer surfaces of the scoop meet all the requirements for GMP compliance in production and sampling.

Also available from the



sampling range



Measuring scoops Ref:96140002

Universal graduated scoops ideal for measuring powders and granules. For exact metering, overfill then wipe the excess at the upper edge.

- Available from 2mL to 1000mL capacity
- Polypropylene, white
- High chemical-resistance
- Calibrated volume when full to the brim



Zone samplers Ref:53172055

The big advantage of zone samplers is that samples can be collected from all layers of the container. Suitable for various bulk goods from the finest powder to large grains such as corn or nuts.

Samplers are available in different lengths.

55 cm suitable for sacks & bulk bags. 85 cm (for barrels, tubs, mixed containers)

150 cm and 250 cm (Jumbo sampler) for big bags, silos, and tanks.

Chamber combinations illustration left: **1.** Multi (closed chambers), **2.** Uno (one closed chamber) and **3.** All-layer sampler (open inner tube)



Pharma/Food CLOSE-IT™ labels Ref:53033017

Burkle have developed CLOSE-IT food, a control seal with an adhesive which complies with the European guidelines for foodstuffs. *CLOSE-IT labels reliably prevent products from leaking out after sampling.

It has a barrier layer of aluminium foil which makes it suitable for closure after sampling of foodstuffs, pharmaceuticals, cosmetics, food additives, even frozen goods. In short, for all applications in which cleanliness is particularly important.

Available 95mm square or 150mm square in red, yellow, blue, green black and white. Particularly suited for the food and pharma industry.

**FDA approval certificate available for all products*

STIRRING



HOMOGENISER

ROWE CODE	DESCRIPTION	UNIT
IH0102	Homogeniser, VELP OV5 package, includes dispersing tool VSS2CSR2 (shaft, stator & rotor) plus H-Stand with strap and bosshead clamps	ea



MAGNETIC STIRRERS, STIRRER HOTPLATES & VORTEX MIXERS

ROWE CODE	DESCRIPTION	UNIT
IF2237	Magnetic stirrer hotplate VELP AREC 15L capacity up to 550 deg C 0-1500 rpm ceramic top plate 180x180mm	ea
IM2016	Stirrer magnetic VELP MST, up to 1100 rpm, up to 5L	ea
IS2318	Stirrer magnetic multistirrer 6-place 230V, 50hz with universal power supply	ea
IM0079	Magnetic stirrer hotplate, VELP ARE. Up to 1500 rpm & 370 degrees C. 15L capacity, load sensitive speed control	ea
IM2241	Magnetic stirrer hotplate VELP "AREC X" 15L capacity, up to 550 deg C, 0-1300rpm, ceramic plate 180x180mm with connection for contact thermometer	ea
IM2224	Magnetic stirrer, hotplate, 4 place, AM4 , 230v 50hz	ea
IM2005	Magnetic Stirrer AGE 230V 50Hz	ea
IV1085	Mixer vortex, VELP ZX3 with touch sensor or continuous mode. 0-3000 rpm	ea
IM1063	Mixer VORTEX, VELP wizard with IR sensor tube detection or continuous mode. Low profile. 0-3000 rpm	ea
IM0354	Magnetic stirrer hotplate, VELP AREX-6 digital & Pt probe, inbuilt timer, auto reverse. Up to 1700 rpm & 370 deg C	ea
IM0407	Magnetic stirrer hotplate. VELP AREX-6 connect pro with wifi connectin for VELP ERMES cloud platform. Including PT100 probe. Up to 1700 rpm & 370 degrees C	ea
IF2237	Magnetic stirrer hotplate VELP AREC 15L capacity up to 550degrees C 0-1500 rpm ceramic top plate 180x180mm	ea



IF2237



IM1063



IM2016



IS2318



IF2237



IM2005



IV1085



IM2224



IM0079



IM0354



IM0407

ermes enabled

VELP
SCIENTIFICA

= EUROPEAN
QUALITY



STIRRING

STIRRING MOTORS AND ACCESSORIES



ROWE CODE	DESCRIPTION	UNIT
IS2220	Stirring motor ES 35 watt without stirring paddle	ea
IS2221	Stirring motor DLH 190 watt without stirring paddle	ea
IS0342	Stirring motor, overhead VELP OHS 200 Advance, 3.5" Display, PT100 probe included, WIFI/USB connectivity, 2 gears 6-400rpm & 30-2000rpm, 200Ncm torque maximum viscosity 100000mPa*s, <100 L stirring volume	ea
IS0337	Stirring motor, overhead VELP OHS 60 Digital. 30-2000 rpm, 60Ncm torque with Speed-servo compensation, maximum viscosity 50000mPa*s, up to 40 L stirring volume, timer, USB interface	ea
IS2241	Stirring motor, overhead VELP PW 190 watt, 20-1200 rpm without stirring paddle	ea
IS2300	Stirrer VELP support rod (2 piece, 20mm dia x 80cm length in total) & Base	ea
IS2305	Stirrer VELP double clamp for rod up to 19mm one side & to 34mm on other side	ea



STIRRING PADDLES



ROWE CODE	DESCRIPTION	UNIT
IS16594	Stirrer paddle 3 blade for VELP overhead stirrer 40cm long 8mm diameter shaft 25mm long blade.	ea
IS16596	Stirrer paddle 10 blade for overall length 40cm VELP overhead stirrer.	ea
IS16597	Stirring paddle with turbo propellor.	ea
IS16595	Stirrer paddle 2 blade for VELP overhead stirrer	ea
IS16598	Stirrer paddle with anchor for VELP overhead stirrer	ea

Floating blades



6-hole paddle



*Turbine



Anchor



Fixed blade



*Turbo propeller



Folding blade



Propeller



SUBMERSIBLE STIRRERS

ROWE CODE	DESCRIPTION	ROWE CODE
IS0307	Stirrer magnetic "Labomag", 1x1 (Single) position, industrial standard brushed stainless steel (submersible in water up to 60 Deg C, IP68), includes separate control unit	ea
IS0308	Stirrer magnetic "Labomag", 2x2 (4) position with 130mm stirring point distance, industrial standard brushed stainless steel (submersible in water up to 60Deg C, IP68), includes separate control unit	ea



Rowe Code: IS0307



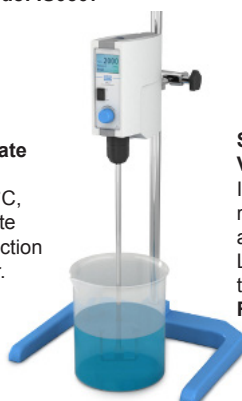
Rowe Code: IS0308



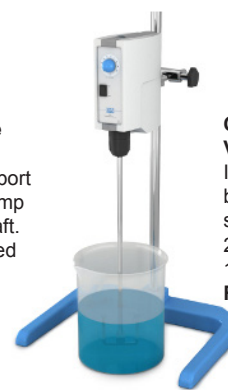
Bundle your equipment and save!



Magnetic Stirrer Hotplate Velp AREC X
15L capacity, up to 450°C, 0-1300rpm, ceramic plate 180x180mm with connection for contact thermometer.
Rowe Code: IM2241



Stirring Motor Package Velp
Includes DLS stirrer support rod and base double clamp and propeller stirring shaft. LCD Display shows speed time and torque.
Rowe Code: IS2247



Overhead Stirrer Kit Velp LS
Includes Support Rod and base double clamp stirring shaft with fixed blade. 25L stirring volume. 120 Watt 50-2000rpm.
Rowe Code: IO0052

BLENDERS AND BAGS



GRADE Why Use GRADE Laboratory Blender Bags?

- GRADE Products are the world's quality brand of laboratory blender bags.
- Low (negligible) failure rate.
- The bags are easy to open and use.
- The bags are consistently reliable, robust and have a significantly lower failure rate.
- GRADE is the longest standing manufacturer.
- Over 40 years of manufacturing know how makes the GRADE range successful.



PB0123

The Separator 400 bag has been designed to fit any 400mL paddle blender machine. These polyethylene bags are treated using gamma irradiation, and has an inbuilt Separator bag made from plastic mesh suspended inside.



PB0122

The Standard 3500 is designed to be used with any 3500 mL laboratory blenders. The Standard 3500 bags are easy to use without the risk of cross contamination. The bags can be used to process fruit, meat, seafood, pastry and biscuits.



PB0119

The Standard 400 Blender Bag is a premium quality bag designed to fit any 400mL paddle blender machines.

ROWE CODE	DESCRIPTION	PACK SIZE
IS4200	Bag blender Bagmixer model 400 P plain door (Interscience)	ea
IS4202	Bag blender Bagmixer model 400 CC (Interscience)	ea
IL0108	Laboratory blender 400 stomacher (80-400mL) circulator 230V (Seward)	ea



Rowe Code: IS4200



Rowe Code: IS4202



Rowe Code: IL0109

ROWE CODE	DESCRIPTION	PACK SIZE
IB0370	Blender Waring two speed with timer, 1L stainless steel container and baked enamel base	ea
IB4201	Blender Waring model LB20ES variable speed with 1.0L SS container	ea



Rowe Code: IB0370

SWABS

ROWE CODE	DESCRIPTION	PACK SIZE
PS3501	Swab surface ATP 3M clean trace	100
PS3508	Swab clean-trace surface protein allergen	60
PS3518	Swab polyester caps with long handle 100/pk x 10 (Texwipes TX761)	case
PS3517	Swab, polyester large apha 100/pk x 10 (Texwipes TX714a)	100
PS0322	Swab pre-moistened TECRA Enviroswab™ ENVSWB100	100
PS0003	Swab pre-moistened TECRA Enviroswab™	500
PS3530	Swab Amies clear 175mm plastic cotton tip gamma sterile peel pack	100
PS3760	Swab 3M Quickswab™	250
PS3761	Swab 3M Quickswab™	50
PS0024	Swab surface protein plus 3M clean trace no instrument required (100 pack)	100
PP1040	Petrifilm express staph	50
PM0034	Microbiological specimen collecting and transporting set, consists of 1 red cap, 1 swab (cotton head+wooden stick) 150mm long and 1 labelled 13x150mm PP tube gamma sterile	100
PM0016	Microbiological specimen collecting and transporting set, consists of 1 red cap, 1 swab (viscose head+PS stick) 150mm long and 1 labelled 13x150mm PP tube. Individual peel-pack, gamma sterile	100



3M

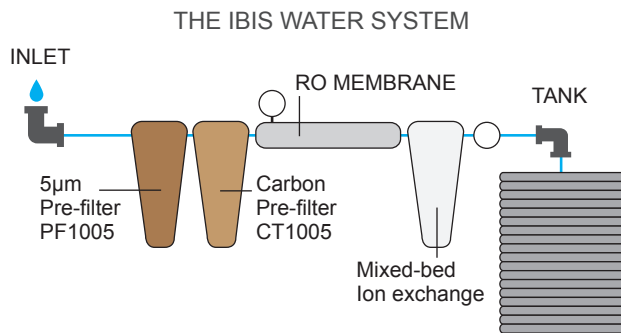




WATER PURIFICATION

IBIS WATER SYSTEMS

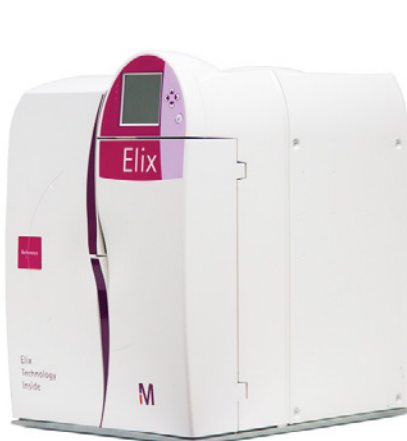
ROWE CODE	DESCRIPTION	UNIT
IL0101	Labwater system Ibis plus 6L p/h manual	ea
IL0105	Labwater system 6L/hr RO/DI with quality monitor and low voltage shut off	ea
II1155	Ibis part - water system, tank 30L (float switch and shut off included)	ea
II1160	Ibis part - water system, tank 60L (float switch and shut off included)	ea
IR1910	Reverse osmosis replacement prefilter 5 micron	ea
IR1949	Reverse osmosis Ibis carbon prefilter	ea
ID1491	Deioniser cartridge Ion-Exchange 10"	ea



MERCK® MILLIPORE® - WATER SYSTEMS

ROWE CODE	DESCRIPTION	PACK SIZE
IW4020	Water purification 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 water systems	2
HP1989	Pressure regulator 0-58PSI (0-4 Bar) gauge 8mm tubing connector	ea

Type I, II or III water quality available - we have a solution for you.



MERCK

TESTING METERS



CONSISTOMETER

ROWE CODE	DESCRIPTION	UNIT
IC1012	Consistometer standard (24cm)	ea
RC0024	Consistometer long (35.4cm)	ea



HYDROMETERS - SHATTERPROOF PLASTIC

ROWE CODE	DESCRIPTION	UNIT
GH0046	Hydrometer specific gravity 2.000 - 3.000, with 0.01 intervals "Durac"	ea
PH1205	Hydrometer specific gravity 1.050-1.220 x 0.002@ 15C, 300mL polycarbonate	ea
PH0018	Hydrometer specific gravity 1.200-1.420 durac shatterproof plastic	ea



VISCOMETERS - ANTON PAAR AND VISCOTECH

ROWE CODE	DESCRIPTION	UNIT
IV0165	Viscometer, low range. 3-200000 mPas/cP Viscot VR3000 -V0L. includes 4 spindles, rack, spindle guard & carrying case.	ea
IV4001	Viscometer portable rotary 50 rpm with R2-R7 spindles, battery operated (Requires 4 x AA Batteries)	ea
IV0044	Viscometer hand rotary, 50 rpm, with R2-R7 spindles	ea
IV1150	Viscometer rotational model V2-R with standard spindle set, PT100, spindle rack, bidirectional RS232, 21 speeds, measuring range 20-40.000.000 mPas (VR3000)	ea



Rowe Code:
IV4001

Rowe Code:
IV0165



Rowe Code:
IV0044



Anton Paar ViscoQC 300



TESTING METERS

MELTING POINT

ROWE CODE	DESCRIPTION	UNIT
IM1102	Melting point apparatus digital with 100 melting point tubes 240V/50hz	ea
IM0048	Melting point apparatus analogue 50 - 250 deg C with thermometer and 100 melting point tubes 240V/50hz	ea

JOLTING VOLUMETER

ROWE CODE	DESCRIPTION	UNIT
IT0057	Tap density tester (Jolting volumeter), 5 preset programs, number of taps adjustable: 5 - 9995 (250 taps/minute) 100-240V / 50-60hz includes 250mL measuring cylinder	ea

DENSITY METERS - ANTON PAAR AND METTLER TOLEDO

ROWE CODE	DESCRIPTION	UNIT
ID0922	Density meter, Anton Paar, DMA 35 portable "Basic"	ea
ID0149	Density meter, Anton Paar, DMA 35 portable "Standard version"	ea
ID0159	Density meter digital portable Density2go	ea

WATER ACTIVITY METER

Aw water activity meter

The water activity measuring device aw1, which has been newly developed by the company Gerber Instruments, supports the daily routine controls in the laboratory and production. It delivers valuable measurement results for the safety and quality of your products.

The aw1 made by Gerber is most suitable for aw measurements in

- Food and feeding stuff
- Pharmaceutical products
- Cosmetic products



Rowe Code:
ID0922



Rowe Code:
ID0149



Rowe Code:
ID0159



Rowe Code:
IM0048



Rowe Code:
IM1102



Rowe Code:
IT0057

THERMOMETERS



THERMOMETERS

ROWE CODE	DESCRIPTION	UNIT
IT1332	Thermometer set "Testo" 106 digital, range -50 to +275 degrees C	ea
IT1212	Thermometer infrared and probe test 104 IR	ea
IT0020	Thermometer, mini penetration thermometer with extended shaft (213mm long) -50 - +250 degrees C	ea
ID4020	Data logger set - includes 174T, wall mount and USB with CD	ea
ID4015	Data logger, mini, 174T, single channel, temperature	ea
IM1318	Thermometer digital, hand held -50 to +300degrees C, 0.1 degrees C resolution and 0.5 degrees C accuracy with T type probe (Type K connectable) Testo 108, waterproof	ea
ID0192	Data logger Saveris 2-H2, WIFI with display and connectable temperature and humidity probe	ea
IT0216	Thermohygrometer Testo 635-1	ea

Penetration thermometers to meet the needs of the food industry.



Rowe Code:
IT1332



Rowe Code:
IT1212



Rowe Code:
IT0020



Rowe Code:
ID4015



Rowe Code:
IM1318



Rowe Code:
IT0216

Probe thermometers are designed specifically for measurement in liquids and viscoplastic media (meat, fish, dough, etc.). For instance, insertion into yoghurt or milk packaging enables the real core temperature of the product to be determined.

This measuring method is accurate and reliable to make a certain statement regarding the temperature status of goods.



WHIRL-PAK® SAMPLING

WHIRL-PAK® BAGS

ROWE CODE	DESCRIPTION	PACK SIZE
RB1605	Sample bag Whirl-Pak 2oz/58mL capacity 7.5x12.5cm 0.057mm thick sterile polyethylene write-on strip	500
RB1604	Sample bag Whirl-Pak 4oz/118mL capacity 7.5x18.5cm 0.057mm thick sterile polyethylene write-on strip	500
RB1602	Sample bag Whirl-Pak 7oz/207mL capacity 9.5x18cm 0.076mm thick sterile polyethylene	500
RB0017	Sample bag Whirl-Pak 13oz/384mL capacity 13x19cm 0.076mm thick sterile polyethylene	500
RB1690	Sample bag Whirl-Pak 18oz/532mL capacity 11.5x23cm 0.064mm thick sterile polyethylene write-on strip	500
RB1608	Sample bag Whirl-Pak stand-up 24oz/710mL capacity 15x23cm 0.076mm thick sterile polyethylene write-on strip	500
RB1611	Sample bag Whirl-Pak 55oz/1627mL capacity 19x30cm 0.0102mm thick sterile polyethylene write-on strip	500
RB1606	Sample bag Whirl-Pak 24oz/710mL capacity 15x23cm 0.076mm thick sterile polyethylene write-on strip	500
PB0070	Sample bag Whirl-Pak 69oz/2041mL capacity 19x38cm 0.076mm thick sterile polyethylene	500

ROWE CODE	DESCRIPTION	PACK SIZE
RB1603	Sample bag Whirl-Pak speci-sponge 18oz/532mL capacity 11.5x23cm 0.064mm thick with sponge for environmental surface sampling sterile polyethylene write-on strip	100
PS1022	Sampling pole for Whirl-Pak bags extends from 6 -12ft (1.82-3.66M) swinging end comes with 3 retainer rings to hold bag fibreglass	ea
RB1607	Sample bag Whirl-Pak thio-bags 100mL capacity 7.5x18.5cm 0.057mm thick with sodium thiosulfate sterile polyethylene write-on strip markings at 100mL and 300mL	100

**BETTER THAN BEAKERS
SAVE YOURSELF TIME,
MONEY AND SPACE!**



How to use **WHIRL-PAK®** Laboratory Sampling Products bags



1

Tear off top of bag along perforation.



2

Use pull tabs to open bag.



3

Place sample in bag leaving at least 2" (5.1 cm) at the top.



4

Hold bag by the wire ends and whirl three times to make a seal.



5

Or, fold the tab over tightly three to four times to close.



Bend wire ends onto bag.

NEW PRODUCTS



Talk to us about a new range of up and coming products available from CHARM.

Peel Plate Microbial Tests

Food and Water Microbiology Made Easy

Designed and developed for sanitation verification, product shelf life monitoring, and early warning of pathogen risks, Peel Plate Microbial tests are simplified alternatives to conventional microbiological testing.

Peel Plates use gold-standard method formulation and procedures for targeting a variety of bacterial indicators which supplements most food safety programs.

The tests and indicator results can be documented, recorded, and proactively reacted to in your effective food safety and consumer protection programs.



CideLite Broad Spectrum Pesticide Screen for Multiple Matrices

Food and Water Microbiology Made Easy

Charm® Cidelite detects all organophosphate and N-methylcarbamate insecticides and their active metabolites with a single 15 minute test.

Matrices

- Feeds and grains
- Pome fruits: apples and pears
- Stone fruits, cherries, peaches and plums
- Small fruits and berries
- Citrus: Oranges and grapefruits
- Tropical fruits: Bananas and kiwi fruit
- Roots and tubers: Potatoes and carrots
- Leafy vegetables: Lettuce and spinach
- Brassica vegetables: Broccoli and cauliflower
- Dairy products: Milk and yogurt
- Meat: Beef, pork and chicken

ROSA FAST Aflatoxin Quantitative Test

In three or five minutes, the ROSA AFQ-FAST test enables feed and grain producers to quantitatively detect aflatoxin. This rapid one step assay is a quantitative lateral flow test that is read in the Charm EZ-M system or the ROSA-M Reader. Samples are extracted with 70% methanol. The ROSA AFQ-FAST test has been approved by USDA-FGIS (Federal Grain Inspection Service) for corn and 18 other commodities.



The ROSA AFQ-FAST test has been approved by USDA FGIS for the following commodities:

- Barley
- Brown rice
- Corn germ meal
- Corn gluten meal
- Corn/ soy blend
- DDG (distillers dried grain)
- DDGS (distillers dried grain with Solubles)
- Hominy
- Millet
- Oats
- Popcorn
- Rough rice
- Rye
- Sorghum
- Soybeans
- Soybean hulls
- Soybean meal
- Soybeans
- Wheat

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