



# Vintage Essentials

Your source for essential instrumentation  
and consumables for wine

**ThermoFisher**  
SCIENTIFIC

# Essential lab supplies for this year's vintage

From the largest wine labs to the simple pH strips or titration set up, Thermo Fisher Scientific has you covered for general and specialty labware. We have over 100,000 products listed on our online store, with stock available from hundreds of the best agencies for wine analysis.

We have endeavoured to include the most relevant products in this publication. From equipment to consumables to enzyme kits, we have the largest portfolio of products and brands to offer you.

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# Chemicals & Cleaners

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Full range including dry chemicals, solutions, solvents, acids, volumetric solutions, biochemicals, standards, high purity solvents & acids and specialty chemicals.

## Acids

From the competitively priced LabServ Pronalys and Ajax Finechem acids to the superior analytical grade Fisher Chemical acids, you are bound to be pleased with the quality of the chemicals below - commonly used in the wine industry.

Item	Description	Unit
AJA1-2.5LPL	Acetic acid glacial UNIVAR	2.5L
FSBF/1900/PB17	Formic acid CertiFied AR 98-100%	2.5L
BSPVL701.5	Hydrochloric acid 0.1M (0.1N) Volusol plastic carboy	5L
BSPVL700.5	Hydrochloric acid 1.0M (1.0N) Volusol plastic carboy	5L
AJA256-2.5LPL	Hydrochloric acid 32% UNIVAR	2.5L
AJA1367-2.5LGL	Hydrochloric acid 36% UNIVAR	2.5L
AJA341-2.5LGL	Nitric acid 70% UNIVAR ACS	2.5L
AJA371-2.5LPL	Orthophosphoric acid 85% UNIVAR ACS	2.5L
AJA1530-2.5LPL	Orthophosphoric acid 25% UNIVAR	2.5L
AJA534-2.5LGL	Sulphuric acid 98% UNIVAR ACS	2.5L



## Dries

Thermo Fisher Scientific have a wide range of chemical dries and salts including powders and granules. These are available in packs of 5g-5kg.

Item	Description	Unit
BSPAL847.250	Anti bumping granules	250g
BSPBL952.500	Boric acid AR ACS	500g
ACR151320050	Bromocresol green sodium salt water soluble	5g
FSBC/2360/53	Calcium sulphate dihydrate CertiFied AR	500g
AJA125-500G	Calcium carbonate UNIVAR	500g
AJA127-500G	Calcium chloride dihydrate UNIVAR	500g
AJA977-500G	Charcoal activated decolourising TECHNICAL	500g
BSPCL942.500	Copper (II) sulphate pentahydrate Pronalys AR ACS	500g
AJA478-500G	Di-sodium hydrogen orthophosphate AR	500g
BSPSL945.500	EDTA disodium salt dihydrate Pronalys AR ACS	500g
FSBJ/3700C/05	EDTA trisodium salt 0.1M Solutrate concentrate	1 ampoule
FSBA/8882/53	L-Ascorbic acid CertiFied AR	500g
FSBI/0505/50	Iodine indicator for wine titrations SpeciFied LR	250g
FSBM/4870/46	Methylene blue C.I. 52015 redox indicator	25g



GL= Glass PL= Plastic

## Dries (Continued)

Item	Description	Unit
ACR160280250	N-Acetyl-L-cysteine 98%	25g
FSBP/3298/44	o-Phthalaldehyde laboratory Reagent grade	5g
BSPPT403.100	Phenolphthalein powder R Grade pH indicator	100g
FSBP/3700/48	Polyvinyl pyrrolidone (P.V.P.) GP	100g
BSPPL402.500	Potassium chloride Pronalys AR ACS	500g
AJA409-500G	Potassium iodide UNIVAR	500g
BSPPS303.500	Potassium sodium (+)-tartrate Pronalys AR	500g
BSPSL519.1	Silica gel 2-6mm self indicating orange	1kg
AJA8745-500G	Silica gel 2-5mm self indicating orange	500g
BSPSL969.500	Sodium carbonate anhydrous Pronalys AR ACS	500g
FSBS/2920/53	Sodium carbonate anhydrous CertiFied AR	500g
BSPSL944.5	Sodium chloride Pronalys AR ACS	5kg
BSPSL944.500	Sodium chloride Pronalys AR ACS	500g
BSPSL900.500	Sodium hydrogen carbonate Pronalys AR ACS	500g
BSPSL740.5	Sodium hydroxide pellets Pronalys AR ACS	5kg
BSPSL740.500	Sodium hydroxide pellets Pronalys AR ACS	500g
FSBS/6640/53	Sodium sulphate anhydrous CertiFied AR	500g
FSBT/P630/60	Tris (hydroxymethyl) methylamine 99.8+%	1kg
FSBBP152-500	Tris Base Molecular Biology grade	500g
BSPSL808.500	Sodium thiosulphate Pronalys AR ACS	500g
BSPST730.500	Starch soluble Pronalys AR	500g
FSBS/8600/60	Sucrose CertiFied AR	1kg



## Solutions

Available in a broad range of volumes, purities and concentrations, these Fisher Chemical, LabServ Pronalys and Ajax Finechem solutions are ideal for use in your winery.

Item	Description	Unit
FSBA/0080/08	Acetaldehyde SpeciFied LR	500mL
BSPAL724.2.5	Acetone Pronalys AR ACS glass bottle	2.5L
AJA43-2.5LGL	Ammonia solution 28% UNIVAR	2.5L
BSPWL012.5	Distilled water	5L
BSPWL012.20	Distilled water	20L
FSBB/4320L/08	Bromocresol green 0.04% solution pH 3.6-5.2 yellow to blue	500mL
AJA799-2.5LPL	Fehlings solution No.1 LABCHEM	2.5L
AJA800-2.5LPL	Fehlings solution No.2 LABCHEM	2.5L
BSPA5.2.5	Hydrogen peroxide 30% 100/vol Pronalys AR ACS	2.5L
BSPA5.500	Hydrogen peroxide 30% 100/vol Pronalys AR ACS	500mL





## Solutions (Continued)

Item	Description	Unit
FSBH/1800/15	Hydrogen peroxide >30% w/v CertiFied AR	1L
ACR124220010	Iodine 0.05M 0.1N Volumetric solution	1L
BSPPL460.100	Phenolphthalein 1% solution	100mL
BSPVL703.250	Potassium chloride 3M Volusol plastic bottle	250mL
BSPVL711.2.5	Sodium hydroxide 0.01N Volusol plastic bottle	2.5L
BSPVL713.2.5	Sodium hydroxide 0.1N Volusol plastic bottle	2.5L
BSPVL712.2.5	Sodium hydroxide 1.0N Volusol plastic bottle	2.5L
AJA2539-2.5LPL	Sodium hydroxide 0.333M UNIVOL	2.5L
AJA485-5L	Sodium hypochlorite solution 12.5% TECHNICAL	5L
FSBJ/7950C/90	Sodium thiosulphate 0.1mol/L conc. makes 1L	6pcs
ROA2653/2.5L	Z1 solution Rebelein sugar	2.5L
ROA2654/2.5L	Z2 solution Rebelein sugar	2.5L
ROA2655/2.5L	Z3 solution Rebelein sugar	2.5L
ROA2656/2.5L	Z4 solution Rebelein sugar	2.5L
ROA2657/2.5L	Z5 solution Rebelein sugar	2.5L
ROA2658/2.5L	Z6 solution Rebelein sugar	2.5L



## Solvents

Use of high quality analytical grade solvents in your QC laboratory is important for ensuring reliable testing of your wines. The solvents listed are available in 500mL up to 2.5L depending on your needs, or contact us for other volumes.

Item	Description	Unit
FSBB/4850/17	Butan-1-ol CertiFied AR	2.5L
FSBD/2050/08	Diethanolamine Specified extra pure	500mL
BSPEL978.2.5	Ethanol 95% v/v Pronalys AR ACS glass bottle	2.5L
BSPEL975.2.5	Ethanol 99.7-100% absolute Pronalys AR ACS glass bottle	2.5L
AJA348-2.5LGL	Iso-octane (2,2,4-Trimethylpentane) UNIVAR ACS	2.5L
AJA318-2.5LPL	Methanol UNIVAR	2.5L



## Standards

Item	Description	Unit
ROA0653/500ML	Aluminium standard 1000mg/L in 2% nitric acid	500mL
ROA0654/500ML	Aluminium standard 10000ppm in 2% nitric acid	500mL
ROA2579/500ML	Antimony standard 1000mg/L in 2% nitric acid	500mL
ROA2610/500ML	Antimony standard 10,000mg/L in 2% nitric acid	500mL
ROA0665/500ML	Boron standard 1000mg/L in water matrix	500mL
ROA0666/500ML	Boron standard 10,000mg/L in water matrix	500mL
ROA0669/500ML	Calcium standard 1000mg/L in 2% nitric acid	500mL
ROA0670/500ML	Calcium standard 10000mg/L in 2% nitric acid	500mL
ROA0679/500ML	Copper standard 1000mg/L in 2% nitric acid	500mL
ROA0680/500ML	Copper standard 10000ppm in 2% nitric acid	500mL
ROA0701/500ML	Iron standard 1000mg/L in 2% nitric acid	500mL
ROA0702/500ML	Iron standard 10000mg/mL in 2% nitric acid	500mL
ROA0705/500ML	Lead standard 1000mg/L in 2% nitric acid	500mL
ROA0706/500ML	Lead standard 10000ppm in 2% nitric acid	500mL
ROA0711/500ML	Manganese standard 1000mg/L in 2% nitric acid	500mL
ROA0712/500ML	Manganese standard 10000ppm in 2% nitric acid	500mL
ROA0713/500ML	Magnesium standard 1000mg/L in 2% nitric acid	500mL
ROA0714/500ML	Magnesium standard 10000mg/L in 2% nitric acid	500mL
ROA0717/500ML	Molybdenum standard 1000ppm in water matrix	500mL
ROA0718/500ML	Molybdenum standard 10,000mg/L in water matrix	500mL
ROA0727/500ML	Phosphorus standard 1000mg/L in water matrix	500mL
ROA0728/500ML	Phosphorus standard 10000mg/L in water matrix	500mL
ROA0731/500ML	Potassium standard 1000mg/L in 2% nitric acid	500mL
ROA0732/500ML	Potassium standard 10000mg/L in 2% nitric acid	500mL
ROA0744/500ML	Selenium standard 10,000mg/L in 2% nitric acid	500mL
ROA0747/500ML	Silver standard 1000ppm in 2% nitric acid	500mL
ROA0749/500ML	Sodium standard 1000mg/L in 2% nitric acid	500mL
ROA0750/500ML	Sodium standard 10000mg/L in 2% nitric acid	500mL
ROA0764/500ML	Tin standard 10000mg/L in 10% HCl	500mL
ROA0777/500ML	Zinc standard 1000mg/L in 2% nitric acid	500mL
ROA0778/500ML	Zinc standard 10000mg/L in 2% nitric acid	500mL
SPXWINE-3	Organic Wine Standard, 14 component mix 10000ppm	1mL



# Chemicals & Cleaners

## Buffers

LabServ Pronalys and Fisher Chemical buffers are NIST traceable for quality assurance. Buffers are available in pH 4, 7 and 10 as well as in tablet form.

Item	Description	Unit
BSPA97.1	Buffer solution pH 4 colour-coded red	1L
BSPA97.500	Buffer solution pH 4 colour-coded red	500mL
BSPA17.500	Buffer solution pH 4 colourless	500mL
BSPA98.1	Buffer solution pH 7 colour-coded green	1L
BSPA98.500	Buffer solution pH 7 colour-coded green	500mL
BSPA18.500	Buffer solution pH 7 colourless	500mL
BSPA99.1	Buffer solution pH 10 colour-coded blue	1L
BSPA99.500	Buffer solution pH 10 colour-coded blue	500mL



## Test Strips

Fisher Chemical have pH strips to cover the full pH range or targeted to the range of interest. HACH also offer water quality test strips for quick on-site evaluations of free chlorine, total chlorine, total hardness, total alkalinity and pH.

Item	Description	Unit
HAC27552-50	5-in-1 water quality test strip kit for chlorine, hardness, alkalinity and pH	50pcs
FSBFB33003	pH indicator stick non-bleeding 0-14	100pcs
FSBFB33005	pH indicator stick non-bleeding 0-6.0	100pcs
FSBFB33015	pH indicator stick non-bleeding 7.0-14	100pcs



## Cleaners

Ensure your laboratory winery and consumables are kept spotless with the cleaners and detergents listed below.

Item	Description	Unit
DEC90-5L	Decon-90™ liquid concentrate. A totally efficient surface active agent for laboratory, medical & specialised industrial cleaning applications. Not suitable for use on non-ferrous metals.	5L
DIV12291	Pyronex liquid concentrate. Mildly alkaline cleaner and disinfectant for manual and ultrasonic washing.	2L
DIV13231	Pyronex powder concentrate. Mildly alkaline cleaner and disinfectant for manual and ultrasonic washing.	3kg



Item	Description	Unit
BSPSTE70/R	Ethanol denatured alcohol 70%. Sterile filtered through 0.22 micron. Trigger spray individually sealed in overwrap	6 x 500mL
BSPSTI70	Iso propyl alcohol 70%. Sterile filtered through 0.22 micron. Trigger spray individually sealed in overwrap	6 x 500mL



# Consumables & General Labware

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Our extensive capabilities in consumables and disposables from many of the world's leading brands will cover all of your laboratory needs.

### Autoclave Bags & Tape

Item	Description	Unit
LBS3500/502	Autoclave bag biohazard 300 x 560mm 121°C yellow	50pcs
LBS3500/504	Autoclave bag biohazard 600 x 900mm 121°C yellow	50pcs
LBS3500/503	Autoclave bag biohazard 410 x 610mm 121°C yellow	50pcs
3M1322-12	Autoclave tape 12mm x 55m roll	EA
3M1322-18	Autoclave tape 18mm x 55m roll	EA
3M1322-24	Autoclave tape 24mm x 55m roll	EA
DRA500025	Sterilope Sterilising Satchel No. 2 paper 34x20x3.5cm	500pcs
DRA500055	Sterilope Sterilising Satchel No. 5 paper 26.5x16.5x7cm	1000pcs
DRA500067	Sterilope Sterilising Satchel No. 7 paper 27x70x3.5cm	2000pcs



### Brushes

Item	Description	Unit
BEL231144	Brush for test tubes 16-25mm bristle fan end	EA
BELBT005	Brush for test tubes 20x65x250mm nylon fan tipped	EA
BEL231012	Brush bottle bristle type 2 50x75mm head 330mm length	5pcs
BELBB012	Brush bottle 70x100x550mm nylon tufted	EA
FSB03-621A	Brush nessler and cylinder bristle 10cm x 4.4cm radial double fan tip galvanised wire handle 30cm	12pcs
FSB03-614	Brush Buret bristle 8.2cm x 1.9cm wire handle galvanised to resist erosion length 91cm	12pcs



### Beakers (Glass)

Heavy duty beakers and tall form beakers are also available.

Item	Description	Unit
FSBFB10050	Beaker Glass 50mL low form	EA
FSBFB100100	Beaker Glass 100mL low form	EA
FSBFB100150	Beaker Glass 150mL low form	EA
FSBFB100250	Beaker Glass 250mL low form	EA
FSBFB100400	Beaker Glass 400mL low form	EA
FSBFB100600	Beaker Glass 600mL low form	EA
FSBFB1001000	Beaker Glass 1000mL low form	EA



# Consumables & General Labware

## Beakers (Plastic)

Polypropylene graduated beakers. Fully autoclavable.

Item	Description	Unit
LBS80301-02	Beaker 100mL low form PP with moulded graduations	EA
LBS80301-03	Beaker 250mL low form PP with moulded graduations	EA
LBS80301-04	Beaker 500mL low form PP with moulded graduations	EA
LBS80301-05	Beaker 1L low form PP with moulded graduations	EA
LBS80301-06	Beaker 2L low form PP with moulded graduations	EA
NAL1201-0050	Beaker 50mL PP low form with printed graduations	12pcs
NAL1201-0100	Beaker 100mL PP low form with printed graduations	12pcs
NAL1201-0250	Beaker 250mL PP low form with printed graduations	6pcs
NAL1201-0600	Beaker 600mL PP low form with printed graduations	4pcs
NAL1201-1000	Beaker 1L PP low form with printed graduations	3pcs



## Bench Protectors

Item	Description	Unit
NAL74018-00	Bench protector VERSI-DRY Super Absorbent Mat 18in x 20in (45.7cm x 50.8cm)	350pcs
NAL74000-00	Bench protector VERSI-DRY Super Absorbent Roll 20in x 250ft (50.8cm x 76.2m)	Roll
WHA2300-731	Benchkote reel 46cm x 50m	Roll
WHA2300-916	Benchkote sheets 46x57cm	50pcs



## Bottles (Glass)

Fisherbrand laboratory bottles are manufactured using clear borosilicate glass with white graduations. Supplied with blue polypropylene screw cap and clear pouring ring. Fully autoclavable.

Item	Description	Unit
FSBFB33144	Bottle lab 100mL graduated with PP screw cap	EA
FSBFB33145	Bottle lab 250mL graduated with PP screw cap	EA
FSBFB33146	Bottle lab 500mL graduated with PP screw cap	EA
FSBFB33147	Bottle lab 1L graduated with PP screw cap	EA
FSBFB33148	Bottle lab 2L graduated with PP screw cap	EA
FSBFB33180	Bottle lab 5L graduated with PP screw cap	EA
FSBFB33181	Bottle lab 10L graduated with PP screw cap	EA
FSBFB33182	Bottle lab 20L graduated with PP screw cap	EA



# Consumables & General Labware

## Bottles (Plastic)

Item	Description	Unit
NAL2104-0001	Bottle 30mL HDPE wide mouth with PP screw cap	12pcs
NAL2104-0002	Bottle 60mL HDPE wide mouth with PP screw cap	12pcs
NAL2104-0004	Bottle 125mL HDPE wide mouth with PP screw cap	12pcs
NAL2104-0008	Bottle 250mL HDPE wide mouth with PP screw cap	12pcs
NAL2104-0016	Bottle 500mL HDPE wide mouth with PP screw cap	12pcs
NAL2104-0032	Bottle 1000mL HDPE wide mouth with PP screw cap	6pcs
LBSLBHD60/00/28N	Bottle only 60mL round HDPE natural, requires 28mm screw cap LBSLBCAP28N	600pcs
LBSLBHD125/00/28N	Bottle only 125mL round HDPE natural, requires 28mm screw cap LBSLBCAP28N	300pcs
LBSLBHD250/00/28N	Bottle only 250mL round HDPE natural, requires 28mm screw cap LBSLBCAP28N	160pcs
LBSLBHD500/00/28N	Bottle only 500mL round HDPE natural, requires 28mm screw cap LBSLBCAP28N	105pcs
LBSLBCAP28N	Cap only 28mm PP natural 28mm screw cap for LBHD bottles	4000pcs
LBSBPC150	Bottle 150mL PC natural PP screw cap	120pcs
LBSBPC300	Bottle 300mL PC natural PP screw cap	100pcs
LBSBPC600	Bottle 600mL PC natural PP screw cap	60pcs



## Bottle Top Dispenser for aqueous solutions

Item	Description	Unit
GRF101.080-27	Dispenser bottle top 0.4-2mL Optifix basic	EA
GRF101.080-33	Dispenser bottle top 1-5mL Optifix basic	EA
GRF101.080-38	Dispenser bottle top 2-10mL Optifix basic	EA
GRF101.080-44	Dispenser bottle top 6-30mL Optifix basic	EA
GRF101.080-48	Dispenser bottle top 10-50mL Optifix basic	EA
GRF101.080-51	Dispenser bottle top 20-100mL Optifix basic	EA
GRF101.080-53	Dispenser bottle top 40-200mL Optifix basic	EA
GRF101.080-56	Dispenser bottle top 60-300mL Optifix basic	EA
GRF101.080-58	Dispenser bottle top 100-500mL Optifix basic	EA



## Burettes (Automatic)

Automatic burette Schellbach

Item	Description	Unit
GLS118.240.01	10mL with intermediate PTFE key & needle valve stopcock	EA
GLS118.240.02	25mL with intermediate PTFE key & needle valve stopcock	EA
GLS118.240.03	50mL with intermediate PTFE key & needle valve stopcock	EA
GLS118.240.01A	10mL with needle valve stopcock no intermediate key	EA
GLS118.240.02A	25mL with needle valve stopcock no intermediate key	EA
GLS118.240.03A	50mL with needle valve stopcock no intermediate key	EA



# Consumables & General Labware

## Carboys

Item	Description	Unit
NAL2250-0050	Carboy 20L PP with handles and 83B PP closure, autoclavable	EA
NAL2318-0050	Carboy 20L LDPE with PP spigot (tap), handles and 83B screw cap	EA
NAL2319-0020	Carboy 10L PP with PP spigot (tap), handles and 83B screw cap, autoclavable	EA
NAL2319-0050	Carboy 20L PP with PP spigot (tap), handles and 83B screw cap, autoclavable	EA



## Centrifuge Tubes (Conical)

Item	Description	Unit
NUN339650	15mL conical centrifuge tube PP sterile bulk pack	500pcs
NUN339651	15mL conical centrifuge tube PP sterile racked	500pcs
NUN339652	50mL conical centrifuge tube PP sterile bulk pack	500pcs
NUN339653	50mL conical centrifuge tube PP sterile racked	300pcs
LBSCT5203	50mL conical centrifuge tube PP non sterile white cap	500pcs



## Containers (Plastic)

Produced by our LabServ plastics manufacturing plant, we have a large range of plastic containers that have numerous uses for sample collection in the field and laboratory. Please contact us for a LabServ catalogue or for more information.

Item	Description	Unit
LBS33030	Container 400mL PET natural PP screw cap square 64mm x 110mm high	100pcs
LBS33030W	Container 400mL PET natural wadded PP screw cap square	100pcs
LBS33030AW	Container 400mL PET amber natural wadded PP screw cap square	100pcs
LBS33032	Container 400mL PET label natural screw cap square	100pcs
LBS33034W	Container 400mL PET square natural wadded screw cap gamma sterile	60pcs
LBS33036W	Container 400mL PET square label wadded screw cap gamma sterile	60pcs
LBS351000	Container 1000mL PET square natural wadded screw cap PP 84mm x 171mm high	42pcs
LBS351000X	Container 1000mL PET square natural wadded screw cap PP gamma sterile	42pcs





# Consumables & General Labware

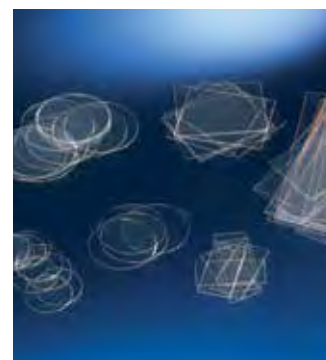
## Containers with Sodium Thiosulphate for Water Testing

Item	Description	Unit
LBSST120X	Container 120mL PP 10mg sodium thiosulphate spray labelled blue PE screw cap gamma sterile	250pcs
LBSST250X	Bottle 250mL PET 25mg sodium thiosulphate spray label gamma sterile	90pcs
LBSST30005X	Container 70mL PP 10mg sodium thiosulphate tablet blue cap label gamma sterile	500pcs
LBSST30132X	Container 120mL PS 10mg sodium thiosulphate labelled blue PE screw cap gamma sterile	300pcs
LBSST32252X	Container 250mL PS 25mg sodium thiosulphate blue cap round gamma sterile	140pcs
LBSST500XS	Bottle 500mL PET 50mg sodium thiosulphate sprayed white screw cap gamma sterile	72pcs
LBS33036THIO	Container 400mL PET square blue wadded cap sodium thiosulphate gamma sterile	60pcs



## Coverslips

Item	Description	Unit
MENCs22221GP	Coverslip 22x22mm No.1	1000pcs
MENCs22401GP	Coverslip 22x40mm No.1	1000pcs
MENCs24501GP	Coverslip 24x50mm No.1	1000pcs
MENCs24601GP	Coverslip 24x60mm No.1	1000pcs



## Culture Tubes

Kimble have a range of disposable and reusable culture tubes constructed from resilient borosilicate glass. Choose from the reusable culture tubes with PP screw cap and PTFE faced rubber liner, or the rimless disposable culture tubes.

Item	Description	Unit
KIM45066A-13100	Culture tube reusable screw cap teflon liner 13x100mm	72pcs
KIM45066A-16100	Culture tube reusable screw cap teflon liner 16x100mm	72pcs
KIM45066A-16125	Culture tube reusable screw cap teflon liner 16x125mm	72pcs
KIM45066A-16150	Culture tube reusable screw cap teflon liner 16x150mm	72pcs
KIM45066A-20125	Culture tube reusable screw cap teflon liner 20x125mm	48pcs
KIM45066A-25150	Culture tube reusable screw cap teflon liner 25x150mm	36pcs
KIM45066A-25200	Culture tube reusable screw cap teflon liner 25x200mm	36pcs
CSE73500-1075	Tube culture 10x75mm rimless disposable	1000pcs
CSE73500-1275	Tube culture 12x75mm rimless disposable	1000pcs
CSE73500-13100	Tube culture 13x100mm rimless disposable	1000pcs



# Consumables & General Labware

## Culture Tubes (Continued)

Item	Description	Unit
CSE73500-16100	Tube culture 16x100mm rimless disposable	1000pcs
CSE73500-16125	Tube culture 16x125mm rimless disposable	1000pcs
CSE73500-16150	Tube culture 16x150mm rimless disposable	1000pcs
CSE73500-18150	Tube culture 18x150mm rimless disposable	500pcs
CSE73500-25150	Tube culture 25x150mm rimless disposable	500pcs



## Cuvettes

Use these economical, polystyrene, single-use cuvettes for visible spectral analysis.

Item	Description	Unit
LPI111117	2-4mL standard 10mm path length 340-800nm disposable PS	100pcs
LPI112117	0.5-2mL semi-micro 10mm path length 340-800nm disposable PS	100pcs
SIE1939	4.5mL standard PMMA 10mm path length 285-750nm	100pcs
SIE1948	1.5mL semi-micro PMMA 10mm path length 285-750nm	100pcs



## Draining Racks

Item	Description	Unit
MET4050	Rack draining 570x600mm wall mounted white nylon coated	EA
MET4055	Rack draining 360x500mm bench mounted white nylon coated	EA
SIE213	Draining rack PS 72 peg capacity 450x630x110mm	EA



## Flasks (Erlenmeyer)

Kimble Erlenmeyer flasks are manufactured from borosilicate glass and are graduated. Produced to ISO 1773 standards.

Item	Description	Unit
KIM26500-50	Flask Erlenmeyer 50mL narrow neck graduated	EA
KIM26500-125	Flask Erlenmeyer 125mL narrow neck graduated	EA
KIM26500-250	Flask Erlenmeyer 250mL narrow neck graduated	EA
KIM26500-300	Flask Erlenmeyer 300mL narrow neck graduated	EA
KIM26500-500	Flask Erlenmeyer 500mL narrow neck graduated	EA
KIM26500-1000	Flask Erlenmeyer 1000mL narrow neck graduated	EA
KIM26500-2000	Flask Erlenmeyer 2000mL narrow neck graduated	EA



# Consumables & General Labware

## Flasks (Volumetric)

Item	Description	Unit
FSBFB50141	Flask volumetric 5mL class A 10/19 PE stopper	EA
FSBFB50143	Flask volumetric 10mL class A 10/19 PE stopper	EA
FSBFB50145	Flask volumetric 20mL class A 10/19 PE stopper	EA
FSBFB50147	Flask volumetric 25mL class A 10/19 PE stopper	EA
FSBFB50149	Flask volumetric 50mL class A 12/21 PE stopper	EA
FSBFB50151	Flask volumetric 100mL class A 12/22 PE stopper	EA
FSBFB50153	Flask volumetric 200mL class A 14/23 PE stopper	EA
FSBFB50155	Flask volumetric 250mL class A 14/23 PE stopper	EA
FSBFB50157	Flask volumetric 500mL class A 19/26 PE stopper	EA
FSBFB50159	Flask volumetric 1000mL class A 24/29 PE stopper	EA
FSBFB50161	Flask volumetric 2000mL class A 29/32 PE stopper	EA



## Funnels (Glass)

Item	Description	Unit
PYR2140/02M	Funnel filter 45mm short stem, suits filter paper 55-70mm	EA
PYR2140/03M	Funnel filter 70mm short stem, suits filter paper 70-90mm	EA
PYR2140/10M	Funnel filter 105mm short stem, suits filter paper 150-185mm	EA
PYR2140/12M	Funnel filter 150mm short stem, suits filter paper 240-270mm	EA



## Gloves

Item	Description	Unit
TFS148060	Gloves latex powder free x-small 100/box	EA
TFS148070	Gloves latex powder free small 100/box	EA
TFS148080	Gloves latex powder free medium 100/box	EA
TFS148090	Gloves latex powder free large 100/box	EA
TFS148095	Gloves latex powder free x-large 100/box	EA
TFS173060	Gloves nitrile powder free x-small 200/box	EA
TFS173070	Gloves nitrile powder free small 200/box	EA
TFS173080	Gloves nitrile powder free medium 200/box	EA
TFS173090	Gloves nitrile powder free large 200/box	EA
TFS173095	Gloves nitrile powder free x-large 200/box	EA



# Consumables & General Labware

## Hydrometers

Item	Description	Unit
CARNAL010	Alcoholometer 0-10 x 0.1%	EA
CARNAL020	Alcoholometer 10-20 x 0.2%	EA
CARNAL2040	Alcoholometer 20-40 x 0.2%	EA
CARNAL0100	Alcoholometer 0-100 x 2%	EA
CARBBX010	Brix hydrometer 0-10 x 0.1Bx	EA
CARBBX1020	Brix hydrometer 10-20 x 0.1Bx	EA
CARBBX2030	Brix hydrometer 20-30 x 0.1Bx	EA
CARBBX030	Brix hydrometer 0-30 x 0.5Bx	EA
CAROBM210	Baume Hydrometer -2 to 10 x 0.1Be	EA
CAROBM1020	Baume Hydrometer 10 to 20 x 0.1Be	EA
CAROBM030	Baume Hydrometer 0 to 30 x 0.5Be	EA



## Hydrometer Jars

Item	Description	Unit
NAL6230-0500	Hydrometer jar polymethylpentene 50.8 x 390mm	6pcs
CARHJ40	Hydrometer jar glass ungraduated 300mm x 40mm	EA

## Inoculating Loops, Needles & Spreaders

Item	Description	Unit
LBSP7201	Inoculating loop PS yellow 1µL sterile 170mm long 20pcs/bag	1000pcs
LBSP7202	Inoculating loop PS blue 10µL sterile 170mm long 20pcs/bag	1000pcs
LBSSPR001X	Spreader PS blue sterile 25pcs/sleeve	3000pcs
LBSSPR002X	Spreader T bar PS blue sterile 10pcs/sleeve	2000pcs

### Sterile disposable culture loops - shelf life 3 years

TS/1-A	Inoculating loop 10µL white flexible sterile 20pcs/bag	1000pcs
TS/1-C	Inoculating loop 10µL white flexible sterile individually wrapped	1000pcs
TS/2-A	Inoculating loop 10µL green firm sterile 20pcs/bag	1000pcs
TS/2-C	Inoculating loop 10µL green firm sterile individually wrapped	1000pcs
TS/30-D	Inoculating loop 5µL red flexible sterile 20pcs/bag	1000pcs
TS/30-G	Inoculating loop 5µL red flexible sterile individually wrapped	1000pcs
TS/4-A	Inoculating loop 1µL clear firm sterile 20pcs/bag	1000pcs
TS/4-C	Inoculating loop 1µL clear firm sterile individually wrapped	1000pcs
TS/4-D	Inoculating loop 1µL yellow flexible sterile 20pcs/bag	1000pcs
TS/4-G	Inoculating loop 1µL yellow flexible sterile individually wrapped	1000pcs



# Consumables & General Labware

## Inoculating Loops, Needles & Spreaders (Continued)

Item	Description	Unit
<b>Sterile disposable inoculating needles - shelf life 2 years</b>		
TS/3-A	Inoculating needle clear firm sterile 20pcs/bag	1000pcs
TS/3-C	Inoculating needle clear firm sterile individually wrapped	1000pcs
<b>Sterile disposable spreaders - shelf life 3 years</b>		
TS/30-A	Spreader L shaped clear firm sterile 5pcs/bag	1000pcs
TS/30-B	Spreader L shaped clear firm sterile individually wrapped	1000pcs
TS/30-C	Spreader L shaped clear firm sterile 25pcs/bag	1000pcs
TS/30-ES	Spreader L shaped blue flexible sterile 25pcs/bag	1000pcs



## Jugs

Strong and stable, these high clarity polypropylene autoclavable jugs have well-formed pouring spouts and handles with clearly defined graduations.

Item	Description	Unit
LBSJUG250	Jug 250mL PP with printed graduations autoclavable	EA
LBSJUG500	Jug 500mL PP with printed graduations autoclavable	EA
LBSJUG1000	Jug 1L PP with printed graduations autoclavable	EA
LBSJUG2000	Jug 2L PP with printed graduations autoclavable	EA
LBSJUG3000	Jug 3L PP with printed graduations autoclavable	EA
LBSJUG5000	Jug 5L PP with printed graduations autoclavable	EA



## Label Printer

Item	Description	Unit
BAD139538	BMP21 LAB Printer	EA
BAD110932	Self Laminating Polyester Label, Black on White, 12.7mm x 6.4m	EA
BAD110935	High Performance Polyester Label, Black on White, 12.7mm x 6.4m	EA
BAD110894	Nylon Cloth Label, Black on White, 12.7mm x 6.4m	EA
BAD110900	Clear Polyester Label, Black on Clear, 12.7mm x 6.4m	EA
BAD139747	Clear Polyester Label, White on Clear, 12.7mm x 6.4m	EA



# Consumables & General Labware

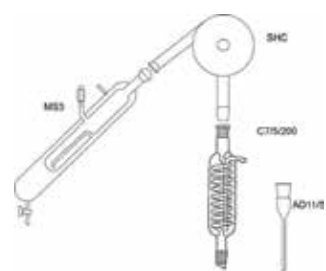
## Magnetic Stirrer Bars

Item	Description	Unit
COW1.513.3	PTFE Stirrer Bar, Octahedral 13mm x 3mm	EA
COW001.513	PTFE Stirrer Bar, Octahedral 13mm x 8mm	EA
COW001.513.10	PTFE Stirrer Bar, Octahedral 13mm x 10mm	EA
COW1.515	PTFE Stirrer Bar, Octahedral 15mm x 8mm	EA
COW1.525	PTFE Stirrer Bar, Octahedral 25mm x 8mm	EA
COW001.525.10	PTFE Stirrer Bar, Octahedral 25mm x 10mm	EA
COW001.528	PTFE Stirrer Bar, Octahedral 28mm x 8mm	EA
COW001.538	PTFE Stirrer Bar, Octahedral 38mm x 8mm	EA
BAT37110.0178	Spinbar Teflon PTFE Octagon 47.6mm x 9.5mm	EA
COW001.538.10	PTFE Stirrer Bar, Octahedral 38mm x 10mm	EA
COW001.551.10	PTFE Stirrer Bar, Octahedral 51mm x 10mm	EA
COW001.564	PTFE Stirrer Bar, Octahedral 64mm x 10mm	EA
COW001.575	PTFE Stirrer Bar, Octahedral 75mm x 13mm	EA



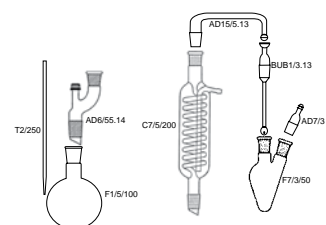
## Markham Apparatus

Item	Description	Unit
CARMS3	Markham still body with stopper, S29 ball joint	EA
CARSHC	Markham splash head cyclone with 24/29 cone, S29 cup	EA
CARC7/5/200	Condenser, inland revenue with 24/29 joints, 200mm effective length	EA
CARAD11/5	Markham adapter, delivery straight with 24/29 joint	EA
CARCLK24	Clip joint, green plastic, suits 24/29 joints (2 required)	EA
CARCLS29	Clip, spherical joint, S29	EA
CARMA-1	Markham apparatus set complete includes still body, splash-head, condensor, adaptors and clips	EA



## Rankine Apparatus

Item	Description	Unit
CARF1/5/100	Rankine round bottom flask with 24/29 neck, 100mL	EA
CARAD6/55.14	Rankine adapter swan neck with 24/29 joints, GL14 screwthread	EA
CART2/250	Rankine air inlet tube 7mm x 250mm tapered end	EA
CARC7/5/200	Condenser, inland revenue with 24/29 joints, 200mm effective length	EA
CARAD15.5.13	Rankine adapter bridge S13 ball to 24/29 cone	EA
CARCLS13	Clip, sperical joint, S13 steel with adjuster	EA
CARBUB1/3.13	Rankine Bubbler with 14/23 cone, S13 cup	EA
CARF7/3/50	Rankine flask pear shape 2 necks with 14/23 sockets, 50mL	EA
CARCLK24	Clip joint, green plastic, suits 24/29 joints (3 required)	EA
CARCLK14	Clip joint, yellow plastic, suits 14/23 joints (2 required)	EA
CARSETRA1	Rankine apparatus set complete includes flasks, adaptors, condensers, bubblers and all clips	EA





# Consumables & General Labware

## Measuring Cylinders (Glass)

Class A with white graduations.

Item	Description	Unit
PYR3201/04	Cylinder measuring 10mL	EA
PYR3201/06	Cylinder measuring 25mL	EA
PYR3201/08	Cylinder measuring 50mL	EA
PYR3201/10	Cylinder measuring 100mL	EA
PYR3201/12	Cylinder measuring 250mL	EA
PYR3201/14	Cylinder measuring 500mL	EA
PYR3201/16	Cylinder measuring 1000mL	EA
PYR3201/18	Cylinder measuring 2000mL	EA



## Measuring Cylinders (Plastic)

With moulded graduations hexagonal base.

Item	Description	Unit
LBS80303H-03	Cylinder measuring 50mL PP	EA
LBS80303H-04	Cylinder measuring 100mL PP	EA
LBS80303H-05	Cylinder measuring 250mL PP	EA
LBS80303H-06	Cylinder measuring 500mL PP	EA
LBS80303H-07	Cylinder measuring 1000mL PP	EA



## Parafilm

Item	Description	Unit
PAAPM996	M Sealing Film 4inch x 125ft roll	EA
PAAPM992	M Sealing Film 2inch x 250ft roll	EA



## Petri Dishes

Our LabServ manufacturing plant produces a selection of good quality, disposable, polystyrene petri dishes. Other size sterility and configuration options also available.

Item	Description	Unit
LBS60001	Dish petri PS 90x15mm manual vented with stacking rim sleeves of 20	500pcs
LBS60001X	Dish petri PS 90x15mm manual sterile vented with stacking rim sleeves of 20	500pcs



# Consumables & General Labware

## Pipettes (Bulb/Volumetric)

One mark class AS amber stain.

Item	Description	Unit
PYRPRA720AS	Pipette volumetric 1mL	2pcs
PYRPRA722AS	Pipette volumetric 2mL	2pcs
PYRPRA724AS	Pipette volumetric 5mL	2pcs
PYRPRA726AS	Pipette volumetric 10mL	2pcs
PYRPRA728AS	Pipette volumetric 15mL	2pcs
PYRPRA732AS	Pipette volumetric 25mL	2pcs
PYRPRA734AS	Pipette volumetric 50mL	2pcs
PYRPRA736AS	Pipette volumetric 100mL	2pcs



## Pipettes (Graduated)

Type 2 class AS amber graduations.

Item	Description	Unit
PYRPRA810AS	Pipette graduated 1mL	2pcs
PYRPRA812AS	Pipette graduated 2mL	2pcs
PYRPRA814AS	Pipette graduated 5mL	2pcs
PYRPRA816AS	Pipette graduated 10mL	2pcs
PYRPRA818AS	Pipette graduated 25mL	2pcs



## Pipettes (Serological)

LabServ offers a wide range of bulk serological pipettes for liquid transfer. LabServ disposable serological pipettes are of sterile optically clear polystyrene construction. They are colour coded with bidirectional graduations for flexibility of the user. Wrapped with lot number traceability.

Item	Description	Unit
LBSCN857101	1mL PS individually wrapped sterile	800pcs
LBSCN857102	2mL PS individually wrapped sterile	600pcs
LBSCN857105	5mL PS individually wrapped sterile	400pcs
LBSCN857110	10mL PS individually wrapped sterile	400pcs
LBSCN857125	25mL PS individually wrapped sterile	200pcs
LBSCN857201	1mL PS sterile bulk packs of 25pcs per pack	1000pcs
LBSCN857202	2mL PS sterile bulk packs of 25pcs per pack	800pcs
LBSCN857205	5mL PS sterile bulk packs of 25pcs per pack	600pcs
LBSCN857210	10mL PS sterile bulk packs of 25pcs per pack	600pcs
LBSCN857225	25mL PS sterile bulk packs of 25pcs per pack	400pcs



# Consumables & General Labware

## Pipette Controllers

Includes table stand, wall mount, 1mL pipette stabiliser, universal charging transformer.

Item	Description	Unit
MAT9511	S1 cordless serological pipettor clear	EA
MAT9521	S1 cordless serological pipettor blue	EA
MAT9531	S1 cordless serological pipettor red	EA
MAT9541	S1 cordless serological pipettor green	EA



## Pipettes (Transfer)

Prevent cross-contamination with Thermo Scientific™ Samco™ General-Purpose Transfer Pipettes, which have a built-in bulb that eliminates the need for plugging, packaging and autoclaving. Samco transfer pipettes are made of shatterproof, non-toxic polyethylene. Their low-affinity surface reduces loss of cells and valuable proteins due to binding. They can be frozen in liquid nitrogen, or heat sealed for storage.

Item	Description	Unit
BER222	Transfer pipette graduated 1mL large bulb	500pcs
BER222-1S	Transfer pipette graduated 1mL sterile individually wrapped	500pcs
BER225	Transfer pipette graduated 3mL large bulb	500pcs
BER225-1S	Transfer pipette graduated 3mL sterile individually wrapped	500pcs



## Pipettors

We offer a complete range of Finnpiquette® manual and electronic pipettors. Thermo Scientific Finnpiquette F1 combine all the features that Finnpiquettes are famous for plus a patented soft-touch tip ejection, an adjustable finger rest and an antimicrobial surface to prevent contamination of samples and pipettors. Single and multichannel fixed volume and variable volume options available.

Item	Description	Unit
FNP4642060	Finnpiquette F2 2-20µL manual pipettor	EA
FNP4642080	Finnpiquette F2 20-200µL manual pipettor	EA
FNP4642090	Finnpiquette F2 100-1000µL manual pipettor	EA
FNP4642100	Finnpiquette F2 0.5-5mL manual pipettor	EA
FNP4642110	Finnpiquette F2 1-10mL manual pipettor	EA
FNP4641180	Finnpiquette F1 ClipTip 2-20µL manual pipettor	EA
FNP4641210	Finnpiquette F1 ClipTip 20-200µL manual pipettor	EA
FNP4641230	Finnpiquette F1 ClipTip 100-1000µL manual pipettor	EA
FNP4661110	Finnpiquette F1 ClipTip 8-channel 1-10µL manual pipettor	EA
FNP4661120	Finnpiquette F1 ClipTip 8-channel 5-50µL manual pipettor	EA
FNP4661130	Finnpiquette F1 ClipTip 8-channel 10-100µL manual pipettor	EA
FNP4661140	Finnpiquette F1 ClipTip 8-channel 30-300µL manual pipettor	EA



# Consumables & General Labware

## Pipette Tips

Item	Description	Unit
LBS94300126	Pipette tip yellow 0.2-200µL bulk	1000pcs
FNP94300220	Pipette tip blue 100-1000µL bulk	1000pcs
FNP9400260	Finntip 250 0.5-250µL natural racked, 10 racks of 96 tips	960pcs
FNP9401110	Finntip 1000 100-1000µL natural racked, 10 racks of 96 tips	960pcs
QSP095	Pipette tip 1-5mL natural bulk	250pcs
FNP9402151	Finntip 10mL 1000-10000µL natural	100pcs
FNP94410210	ClipTip 20 non sterile, 10 racks of 96 tips	960pcs
FNP94410217	ClipTip 20 Reload non sterile, 10 inserts of 96 tips	960pcs
FNP94410250	ClipTip 50 non sterile, 10 racks of 96 tips	960pcs
FNP94410257	ClipTip 50 Reload non sterile, 10 inserts of 96 tips	960pcs
FNP94410310	ClipTip 200 non sterile, 10 racks of 96 tips	960pcs
FNP94410317	ClipTip 200 Reload non sterile, 10 inserts of 96 tips	960pcs
FNP94410510	ClipTip 300 non sterile, 10 racks of 96 tips	960pcs
FNP94410517	ClipTip 300 Reload non sterile, 10 inserts of 96 tips	960pcs
FNP94410710	ClipTip 1000 non sterile, 10 racks of 96 tips	960pcs
FNP94410717	ClipTip 1000 Reload non sterile, 10 inserts of 96 tips	960pcs



## Safety Glasses

Item	Description	Unit
BOL1652301	Bollé Rush Safety Glasses Clear Lens	EA
BOL1667201	Bollé Bandido Safety Glasses Clear Lens	EA
BOL1668201	Bollé Blade Safety Glasses Clear Lens	EA
BOL1650515	Bollé Override Cover Spectacles Clear Lens	EA
BOL1661100	Bollé Extreme Safety Glasses With Sliver Frames & Clear Lenses	CS10



## Slides

Item	Description	Unit
FNN7101WT	Slide plain ground white edge 1-1.2mm 26x76mm	2500pcs
FNN7105WT	Slide single frost ground edge white 26x76mm	2500pcs

## Spatulas

Item	Description	Unit
MET2715-160	Micro spoon with spatula 150mm long	EA
MET2712-150	Micro spoon with spatula 150mm long	EA
N-E9370	Spoon spatula 160mm	10pcs
FSH14-648-231	Digital Spatula Balance scoops and weighs 0 to 300g in one unit	EA



# Consumables & General Labware

## Syringes and Needles

Luer lock options are also available. Contact us for more information.

Item	Description	Unit
TER1NN.1838R	Needle 18g x 38mm	100pcs
TER1NN.2138R	Needle 21g x 38mm	100pcs
TER1NN.2325RL	Needle 23g x 25mm	100pcs
TER1NN.2519RA	Needle 25g x 19mm	100pcs
TER1NN.2713R	Needle 27g x 13mm	100pcs
TER6SS.01T	Syringe 1mL leur slip	100pcs
TER6SS.03S	Syringe 3mL leur slip	100pcs
TER6SS.05S	Syringe 5mL leur slip	100pcs
TER6SS.10S	Syringe 10mL leur slip	100pcs
TER6SS.10ES	Syringe 10mL eccentric leur slip	1200pcs
TER6SS.20ES	Syringe 20mL eccentric leur slip	50pcs
TER1SS.30ESE1	Syringe 30mL eccentric leur slip	50pcs
TER1SS.50ESE	Syringe 50mL eccentric leur slip	20pcs



## Test Tube Racks

To select the different colours replace the 'X' in code below with  
0 = white, 1 = orange, 2 = yellow, 3 = blue, 4 = green or 5 = red.

Item	Description	Unit
NAL5970-0X13	13mm diameter tube - 72 tubes 6 x 12 array	EA
NAL5970-0X16	16mm diameter tube - 72 tubes 6 x 12 array	EA
NAL5970-0X20	20mm diameter tube - 40 tubes 4 x 10 array	EA
NAL5970-0X25	25mm diameter tube - 40 tubes 4 x 10 array	EA
NAL5970-0X30	30mm diameter tube - 24 tubes 3x 8 array	EA



## Timers

Item	Description	Unit
FSH02-261-840	Multi-colored timer four channel count down 100 min with alarm easel bench stand clip and magnet	EA
FSH06-662-45	Lab-top timer count up/down 24 hours with clock for bench use	EA
FSH14-649-14	Timer count up, 60 min count down, 100 min rear mounted magnet pocket clip bench stand LCD display and alarm	EA
FSH14-649-17	Timer four channel count up/down 99 hours clock alarm jumbo LCD display rear mounted magnet clip bench stand	EA



# Consumables & General Labware

## Thermometers (Digital)

Item	Description	Unit
FSH14-648-44	Waterproof lollipop thermometer -50 to 300°C	EA
FSH15-077-9E	Waterproof thermometer -50 to 300°C 3m cable with 120mm SS probe	EA
FSH06-664-11	Fridge freezer thermometer -50 to 70°C enclosed with temperature-buffered sensors	EA



## Thermometers (General)

76mm immersion 305mm long.

Item	Description	Unit
LBS72/809/0	-10 to 50°C red spirit white back 0.5 divisions	EA
LBS72/808/0	-10 to 110°C red spirit white back 1.0 divisions	EA
LBS72/807/0	-10 to 150°C red spirit white back 1.0 divisions	EA
LBS72/810/0	-10 to 110°C Hg white back 1.0 divisions	EA



## Vials and Closures

Item	Description	Unit
THC11090500	Vial Screw 2mL clear no markings	100pcs
THC09150838	Cap Screw ultraclean silicone/PTFE 9mm blue	100pcs
THC18091307	Vial Headspace 20mL screw top clear	100pcs
THC18032063	Cap Screw 18mm Magnetic Sil/PTFE slit septa	100pcs



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# Consumables & General Labware

## Wash Bottles (Safety)

Thermo Scientific Nalgene labelled LDPE “Right to Know” wash bottles feature the self-venting system that keeps hazardous volatile liquids in the bottle and off the bench. All include full hazard symbols, safety information and instructions for use. Fitted with colour coded closures.

Item	Description	Unit
NAL2425-0501	Acetone (Red) 500mL	6pcs
NAL2425-0502	Ethyl Alcohol (White) 500mL	6pcs
NAL2425-0503	Methanol (Green) 500mL	6pcs
NAL2425-0504	Isopropanol (Yellow) 500mL	6pcs
NAL2425-0505	Distilled Water (Natural) 500mL	6pcs
NAL2425-0506	Sodium Hypochlorite (White) 500mL	6pcs



Vented Unitary™ Safety Wash Bottles, LDPE bottles with PP Closures apart from Sodium Hypochlorite which has HDPE closure.

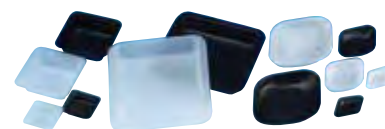
Unitary bottle design prevents contamination when filling the bottle; no draw tube assembly to pick-up contamination off the bench. To prevent cross-contamination, each bottle has a colour bar below the chemical name, which corresponds to the coloured closure. Bottles come with vented 38mm closure. A strong, steady stream of liquid is dispensed when the wash bottle is squeezed.

Item	Description	Unit
NAL2436-0501	Acetone (Red) 500mL	EA
NAL2436-0502	Ethyl Alcohol (White) 500mL	EA
NAL2436-0503	Methanol (Green) 500mL	EA
NAL2436-0504	Isopropanol (Yellow) 500mL	EA
NAL2436-0505	Distilled Water (Natural) 500mL	EA
NAL2436-0506	Sodium Hypochlorite (White) 500mL	EA
NAL2436-0507	De-ionised Water (Natural) 500mL	EA



## Weigh Boats

Item	Description	Unit
SLNWB30205	Weigh boat standard square micro 44 x 44mm 7mL	500pcs
SLNWB30254	Weigh boat standard square regular 80 x 80mm 100mL	500pcs
SLNWB30304	Weigh boat standard square regular 140 x 140mm 250mL	500pcs



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Absolutely the best quality, most reliable laboratory benchtop equipment from Thermo Scientific and our supply partners.

### Balances (Sartorius Entris Series)

Get the reliability and quality of a Sartorius balance, but only pay for the features you really need. The new Entris® has been specifically designed to deliver effective and reliable weighing results in your daily work. Offering internal calibration as standard. Other models available on request.

Item	Description	Unit
SARENTRIS224I-1S	Entris Analytical Balance 220g 4dp	EA
SARENTRIS124I-1S	Entris Analytical Balance 120g 4dp	EA
SARENTRIS623I-1S	Entris Precision Balance 620g 3dp	EA
SARENTRIS822I-1S	Entris Precision Balance 820g 2dp	EA
SARENTRIS2201I-1S	Entris Precision Balance 2200g 1dp	EA



### Balances (Sartorius Quintix Series)

Sets a new benchmark in every aspect for standard lab balances (19 models available). All units feature internal calibration. Other models available on request.

Item	Description	Unit
<b>Analytical Balances</b>		
SARQUINTIX124-1S	Quintix Analytical Balance 120g 4dp	EA
SARQUINTIX224-1S	Quintix Analytical Balance 220g 4dp	EA
<b>Precision Balances</b>		
SARQUINTIX513-1S	Quintix Precision Balance 510g 3dp	EA
SARQUINTIX612-1S	Quintix Precision Balance 610g 2dp	EA



### Centrifuges

Thermo Fisher Scientific centrifuge systems deliver outstanding performance and reliability in the lab. From microcentrifuges and benchtop instruments, to advanced floor models and innovative carbon fiber rotors - all offer exceptional quality for consistent results. Achieve unmatched productivity, versatility, performance and ease-of-use with our innovative centrifuges, rotors and accessories.

Item	Description	Unit
THR75002410	Heraeus Pico 17 microcentrifuge, includes 24 x 1.5/2.0mL rotor with ClickSeal biocontainment lid, max speed 17000 x g	EA
THR75007211	Heraeus Megafuge 8 centrifuge, requires rotor and adapters	EA
THR75004210	Heraeus Multifuge X1 centrifuge, requires rotor and adapters	EA
THR75004500	Heraeus Multifuge X3 centrifuge, requires rotor and adapters	EA



Contact us for information on rotors and adapters.

## Electrochemistry (Conductivity/TDS)

Choose from a wide range of conductivity meters and kits. Handheld and bench top testers available. Contact us for electrode buffers and storage solutions.

Item	Description	Unit
<b>Testers</b>		
EUT01X377229W	Conductivity Tester ECTestr 11+ multi-range 0-200µS/cm 0-2000µS/cm and 20mS/cm. With temperature display.	EA
EUT01X377231W	TDS Tester TDSestr 11+ multi-range to 100ppm to 1000ppm to 10ppt (depending on TDS factor). With temperature display.	EA
<b>Portable</b>		
EUT01X651633	CON 450 Conductivity/TDS/Salinity waterproof meter with K=1.0 electrode, solutions, and carrying case.	EA
ORISTARA2225W	Orion Star A222 portable conductivity meter kit with 013010MD conductivity DuraProbe solutions and carry case.	EA
<b>Bench Top</b>		
EUT01X543905W	CON 2700 Conductivity/TDS/Temperature meter with conductivity probe and integral probe holder.	EA
ORISTARA2125W	Orion Star A212 benchtop conductivity meter kit with 013005MD conductivity DuraProbe electrode arm and 1413µS/cm standard.	EA



## Electrochemistry (pH)

If you need more than a pH test strip, then choose from the handheld and benchtop pH testers listed below. Contact us for electrodes buffers and storage solutions.

Item	Description	Unit
<b>pH Testers</b>		
EUT01X366903W	Eutech Tester - pH tester 30 +/- 0.01 pH double junction with temperature readout.	EA
<b>Handheld</b>		
EUT01X245026W	Eutech EcoScan6+ meter with single junction pH probe, temperature probe, buffers and carry case.	EA
ORISTARA2215W	Orion Star A221 portable pH meter kit with 8107UWMMMD ROSS pH/ATC triode protective armour holder hard field case and solutions	EA
<b>Bench Top</b>		
EUT01X541605W	Eutech pH 700 benchtop pH meter with single junction pH probe temperature probe and electrode holder.	EA
ORISTARA2115W	Orion Star A211 benchtop pH meter kit with 8320BNUMD ROSS pH/ATC triode buffers, storage solution, cleaning solution and electrode stand.	EA



Find Buffer Solutions on page 9

## Electrochemistry – (Portable Dissolved Oxygen Meter)

These portable Dissolved Oxygen meters offer the advantages of an optical probe - no membrane, no electrolyte and are not affected by sulphides, resulting in less calibration and maintenance.

Item	Description	Unit
ORISTARA3235W	Orion Star A323 portable Dissolved Oxygen meter with RDO probe with 3m cable and probe guard. Includes calibration sleeve, batteries, and carry case.	EA
AQRDO-200/ AQUAPLUS	AquaRead DO-200 meter with AquaPlus Optical Dissolved Oxygen Probe. System also includes barometric pressure sensor. Integral conductivity and temperature. Data logging. Standard 3m cable. Extension cables are available. Removable metal shield fits around the probe. Minus 5 to 50°C probe operating temperature.	EA



## Electrochemistry – (Multiparameter)

Test multiple parameters with these portable and benchtop meters below.

Item	Description	Unit
<b>Tester</b>		
EUT01X441504W	Eutech PCTestr 35 - pH / Conductivity / Temperature Tester	EA
<b>Portable</b>		
EUT01X430902W	Eutech CyberScan PCD650 Portable pH/Conductivity/ Dissolved Oxygen Meter. All parameters can be displayed on LCD screen. Wide measurement ranges. Logs up to 500 readings.	EA
ORISTARA3295W	Orion Star A329 portable pH/ISE/cond/RDO meter kit with pH RDO and conductivity probes armour hard field case and solutions.	EA
<b>Bench Top</b>		
ORIVSTAR92W	Orion VERSA STAR benchtop pH/ISE/cond/DO kit with pH, DO and conductivity probes and electrode stand.	EA



## Electrochemistry – (Thermo Scientific Orion AquaMate)

Item	Description	Unit
ORIAQ8000	Orion AquaMate 8000 UV/visible spectrophotometer with preprogrammed methods for water analysis on USB	EA

## Hotplates & Hotplate Magnetic Stirrers

Available in three surface sizes the Cimarec+ series of digital stirrers, hot plates and hot plate stirrers offer precise stirring control, exceptional safety and superior temperature for your routine protocols.

### Features:

- Ceramic top for excellent chemical resistance
- Unique HOT TOP warning system protects from accidental burning
- Thermo Scientific Stir Trac technology for low speed and strong magnetic coupling
- Maximum temperature 540°C

Item	Description	Unit
BARSP88854105	Cimarec+ stirrer hotplate small ceramic top 10.8 x 10.8 cm	EA
BARSP88857106	Cimarec+ stirrer hotplate medium ceramic top 18.4 x 18.4 cm	EA

Find Magnetic Stirrer Bars on page 20

## Incubators (Laboratory)

Heratherm Microbiological Incubators are available in 60, 100 or 180 litre with 2 airflow technologies (gravity or our new dual convection). They have an inner glass door, small foot print, temperature range ambient +5°C up to 105°C. Also available compact 18 litre model for work-around ambient temperatures. Other models available on request.

Item	Description	Unit
HEA50125882	IMC18 HERATHERM Compact Incubator mechanical convection 17-40°C 18L	EA
HEA51028130	IGS60 HERATHERM General Protocol Incubator Gravity Convection 75L ambient +5°C to 75°C	EA
HEA51028131	IGS100 HERATHERM General Protocol Incubator Gravity Convection 117L ambient +5°C to 75°C	EA
HEA51028132	IGS180 HERATHERM General Protocol Incubator Gravity Convection 194L ambient +5°C to 75°C	EA





## Incubators (Large Capacity)

Heratherm Large Capacity Microbiological Incubators are available in 400 or 750 litre size with 2 airflow technologies (gravity or mechanical convection). Inner glass door. Temperature range ambient+5°C up to 105°C.

Item	Description	Unit
HEA51029322	IGS400 HERATHERM General Protocol Incubator Gravity Convection 400L ambient +5°C to 75°C	EA
HEA51029334	IGS750 HERATHERM General Protocol Incubator Gravity Convection 750L ambient +5°C to 75°C	EA
HEA51029325	IMH400-S HERATHERM Advanced Security Protocol Incubator Mechanical Convection 400L ambient +5°C to 105°C	EA
HEA51029337	IMH750-S HERATHERM Advanced Security Protocol Incubator Mechanical Convection 750L ambient +5°C to 105°C	EA



## Microplate Readers (Photometric and Spectrophotometric)

Thermo Fisher Scientific offers a full range of microplate readers suitable for high throughput sample analysis of wine and grape juice as well as stability tests including glucose, malic acid, L-lactic acid and acetic acid. Microplate readers are capable of testing 96 simultaneous samples in a microplate format. Both filter detection and scanning detection models available.

### Thermo Scientific Multiskan GO

The Thermo Scientific Multiskan GO UV/Vis microplate spectrophotometer is ideal for labs doing multiple assays. It offers free wavelength selection (200nm to 1000nm) and reads microplates and cuvettes.



### Thermo Scientific Multiskan FC

The Multiskan FC microplate photometer is a reliable and robust instrument for a wide variety of applications. It is a filter based system capable of detection in the wavelength range of 340 to 850nm and reads 96 well plates in a quick 5 seconds.

## Ovens (Laboratory)

Heratherm Ovens are available in three different models: Each unit is available in 60, 100 and 180 litre sizes with a choice of gravity or mechanical convection. Temperature range of 50°C up to 330°C. Other models available on request.

Item	Description	Unit
HEA51028148	OMS60 HERATHERM General Protocol Mechanical Convection 66L 50°C to 250°C	EA
HEA51028149	OMS100 HERATHERM General Protocol Mechanical Convection 104L 50°C to 250°C	EA
HEA51028150	OMS180 HERATHERM General Protocol Mechanical Convection 179L 50°C to 250°C	EA

## Platform Rockers Shakers & Mixers

Whether you require simple rocking or orbital mixers Thermo Fisher Scientific offer a wide choice of devices to suit your needs.

Item	Description	Unit
BAR88881102	Orbital shaker 30-300rpm 36 x 30 x 9.6 cm (LxWxH) CO <sub>2</sub> resistant, requires platform and clamps	EA
BAR88880026	Orbital shaker 50-300rpm compact digital, requires platform and clamps	EA
BAR88880020	Compact digital rocker 5-100rpm with timer tilt angle adjustable 7°-13° tray 27.6 x 27.6cm	EA
BAR88880022	Compact digital wave rotator 8-100rpm with timer tilt angle adjustable 0°-13° tray 27.6 x 27.6cm	EA



## Refractometers (Digital Handheld)

Optical refractometers continue to be a quick and easy way to check Brix, but why not upgrade to a handheld digital unit with our range from market leader Bellingham+Stanley.

Each unit offers temperature compensation, quick and simple in-situ calibration as well as a robust design with replaceable batteries for ease of use. Small and light, they are ideal for factory or field based testing. Our full range is available on request.

Item	Description	Unit
BLS38-02	Direct reading digital hand held refractometer. Temperature compensated. Display Brix 0-54%	EA
BLS38-A1	OPTi Brix 95+ refractometer; 0 - 95% Brix	EA
BLS38-41	Direct reading Digital hand held refractometer. Temperature compensated. Display in Mass SW% (Brix) 0-35% probable alcohol.	EA
BLS38-45	OPTi Duo Wine Baume refractometer (Mass/Baume)	EA
BLS38-46	Direct reading digital hand held refractometer. Temperature compensated. Display in Baume (0-28) and 0-22% probable alcohol.	EA



## Refractometers (Optical)

Portable, high quality, robust and easy to use zero adjust with lock. High precision clear scale. Easy clean prism. Low weight with comfortable hand grips and eyepiece.

Item	Description	Unit
BLS45-03	Eclipse Handheld optical refractometer. Sugar (Brix) 0-50%	EA
BLS45-07	Eclipse Handheld optical refractometer. Sugar (Brix) 0-32%	EA

## Refractometers (Benchtop)

Decades of engineering excellence and experience have cemented Bellingham+Stanley refractometers as a favourite for reliable measurements in the drinks industry. The wide range enables the instrument for your budget and needs to be matched. Robust and reliable benchtop refractometers are complimented with light and strong digital handheld refractometers providing in-lab or in-situ measurement as required. Process refractometers are available on request with our custom design service.

Item	Description	Unit
BLS29-12	Model RFM712 0 – 50 Brix 0.1 resolution	EA
BLS29-32	Model RFM732 0 – 100 Brix 0.1 resolution	EA
BLS29-42	Model RFM742 0 – 100 Brix 0.01 resolution	EA

## Spectrophotometers (Cuvette)

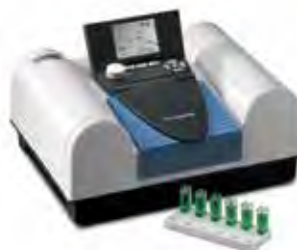
Thermo Fisher Scientific offers a full range of cuvette spectrophotometers. Our systems are suitable for wine and grape juice chemical analysis and stability tests including glucose, malic acid, L-lactic acid and acetic acid monitoring.

### Thermo Scientific Genesys 10S

The Thermo Scientific Genesys 10S spectrophotometers are available as visible light only or UV-Visible. They all come with a 6-position cell holder for rapid analysis, on-board control, USB method/data exporting, fast wavelength scanning and are simple to use.

### Thermo Scientific Spectronic 200

The Thermo Scientific Spectronic 200 is a rugged, simple-to-use visible spectrophotometer for routine applications. It is suitable for basic wine and grape juice chemical analysis.



Item	Description	Unit
UNI840-209700	Genesys 10S UV-Vis: Includes 6 cell & 1 cell holders, scanning capability, 1.8nm bandwidth and Xenon flash lamp (Dual Beam, 190nm - 1100nm )	EA
UNI222-271600	Spectronic 200 Vis scanning capability, 4nm bandwidth tungsten/halogen lamp (single beam, visible 340nm - 1000nm)	EA

## Turbidimeters (Portable)

The Hach 2100Q Portable Turbidimeter provides laboratory-quality results in a portable unit. Orion AQUAfast IV Portable Advanced Turbidity Meter (AQ4500) has a dual source LED that allows readings that comply with EPA180.1 and ISO7027 methodologies for water. This dual light source has advantages in allowing measurements of both red and white wines. Supplied with carry case cells and batteries.

Item	Description	Unit
HAC2100Q-01	2100Q portable turbidimeter with case, cells, standards, silicone oil and cloth	EA
HAC2100QIS-01	2100Q IS portable turbidimeter with case cells standards silicone oil and cloth ISO7027	EA
ORIAQ4500W	Orion AQUAfast IV portable advanced turbidity meter (AQ4500)	EA



## Turbidimeters (Benchtop)

Easy operation with step-by-step menus to guide you through calibration, normal operation and diagnostics.

**Ranges:** 0 - 4000NTU (2100N); 0 - 10000 NTU (2100AN). Resolution to three decimal places between 0 and 1.000 NTU.

**Multiple unit selection:** display in NTU's nephelos EBC's and more.

Operator selectable ratio (for colour compensation) and non-ratio measurements modes. 2100AN model has a built in printer, 2100N model can send output data to external computer or printer using RS232. Calibration using StablCal Stabilised Formazin Turbidity Standards.



Item	Description	Unit
HAC47000-00	2100N	EA
HAC47001-00	2100AN	EA

## Vortex

Low profile design with small footprint. Wide variety of optional accessories available to accommodate different vessel types.

Item	Description	Unit
BAR88880018	Vortex mixer with touch and continuous modes 0-3000 rpm analogue control	EA



## Water Baths (Heated Circulated)

Sahara water baths have a choice of 5 thermostats and 8 stainless steel tanks, that can be configured to meet any temperature and volume requirements, giving you efficient heating for open and closed applications. Temperature range ambient+13°C to 200°C. Tank volume available 3-49L. Sahara water baths come with a 3 year guarantee. Other models available on request.

Item	Description	Unit
HAK152-1211	SC100-S21 ambient+13°C to 100°C 19L tank complete with lid	EA
HAK152-1301	SC100-S30 ambient+13°C to 100°C 26L tank complete with lid	EA
HAK153-1211	SC150-S21 ambient+13°C to 150°C 19L tank complete with lid	EA



## Water Baths (Refrigerated)

Arctic Refrigerated baths for applications that require low temperatures to -10°C.

Item	Description	Unit
HAK152-4051	Water bath SC100-A5B -5°C to 100°C 21L tank	EA
HAK152-4101	Water bath SC100-A10B -10°C to 100°C 30L tank	EA

## Water Baths (Shaking)

Shaking water bath with maximum temperature 100°C and a horizontal motion.

Item	Description	Unit
BARTSSWB27	Precision shaking water bath 27L reciprocating digital, temperature range ambient+5°C up to 100°C. Interior 30 L x 69 W x 19 D cm exterior 36 L x 93 W x 24 D cm	EA



## Water Baths (Unstirred)

Precision general purpose water baths are rugged, high performance baths that are designed to maintain water temperature from ambient to 100°C. Baths come with clear polycarbonate gable cover, diffuser tray and drain hose.

Item	Description	Unit
BARTSGP10	Precision model GP 10 unstirred water bath 10L digital display. Work area 30.1 L x 33.0 W x 15.0 H cm	EA
BARTSGP28	Precision model GP 28 unstirred water bath 28L digital display. Work area 29.7 L x 50.0 W x 20.0 H cm	EA



## Water Purification Systems

Item	Description	Unit
TSW50129872	Smart2Pure 3 UV Ultrapure Water Purification System - Type I water direct from tap water – suitable for HPLC / IC	EA
TSW50132373	MicroPure UV Ultrapure Water Purification System - Type I water from pretreated water – suitable for HPLC / IC	EA
ELGOQ007XXM1	Purelab Option Q 7 Water Purification System – produces Type I water from tap water	EA



## Safety Facts

### Why is monitoring CO<sub>2</sub> critical?

Exposure to high levels of Carbon Dioxide (CO<sub>2</sub>) can be dangerous to workers in Wineries. Care must be taken to protect workers from over exposure. CO<sub>2</sub> is twice as heavy as air; therefore it will sink to the bottom of a room forming potentially deadly pools of gas that will displace oxygen. Areas of concern within Wineries include pits, sumps and storage tanks, as well as fermentation rooms, barrel cellars and bottling rooms.

### How the Sensepoint XCD can help

The detection of an excessive level of CO<sub>2</sub> in the monitored area produces an alarm, alerting staff working in the affected area and initiating a response from mechanical ventilation systems.

### Advantages

- Local back-lit LCD display of the CO<sub>2</sub> concentration in the area.
- Provides tri-colored alarm indication – red backlight alerts nearby staff to an immediate hazard
- A variety of output signal protocols (Analogue, MODBUS, Alarm Relays.)



SGRSPXCDALMB1

To find out more, contact 1300 735 295



A man and a woman are standing in a dimly lit winery, looking at a tablet together. The woman is holding a glass of white wine. The man is holding the tablet. They are both smiling. The background shows wooden barrels and a rustic setting.

# Great wines start with great chemistry

## Analysis tools that make the difference you can taste

Ensure product quality and exceptional taste throughout the winemaking process with Thermo Scientific™ Orion™ pH and ion selective electrodes, meters and solutions. Our instruments and solutions have been delivering accurate measurements of critical parameters for over 50 years. Thermo Scientific Orion analysis instruments combine excellent meter features with proven electrode technology to provide a complete package to meet your demanding quality standards.

For additional information visit [thermoscientific.com/water](https://thermoscientific.com/water)

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A critical first step in so many wine analyses, our ranges include Whatman, Fisherbrand and Millipore brands of filter papers, glass fibre, membranes and syringe filters. Apparatus are also available, from the smallest to largest sample volumes.

### Membrane Filters

Millipore and Whatman membrane filters for microbiological testing. Sterilised & individually packaged in peel back envelopes.

Item	Description	Unit
MILHAWG04700	Membrane filter 0.45µm 47mm grid MCE	100pcs
MILHAWG047S6	Membrane filter 0.45µm 47mm S-Pak MCE	600pcs
MILHAWP04700	Membrane filter 0.45µm 47mm plain MCE	100pcs
MILHVL04700	Membrane filter durapore 0.45µm 47mm plain PVDF	100pcs
WHA7141-154	Membrane filter 0.45µm 47mm MCE gridded sterile bulk pack	1000pcs

### Filter Holders

Item	Description	Unit
MILXX1004700	Filter holder glass 47mm, 300mL capacity, with frit glass filter, includes clamp and stopper	EA
MILXX6200006P	Filter forceps blunt end stainless steel	3pcs
SCH2120154	Filter flask borosilicate 1 litre with glass side arm connection	EA

### Glass Fibre Filter Paper

Item	Description	Unit
<b>Fisherbrand G8 – Equivalent to Whatman GF/D</b>		
FSB09-804-21D	Filter paper glass fibre G8 2.1cm 2.5µm	100pcs
FSB09-804-25D	Filter paper glass fibre G8 2.5cm 2.5µm	100pcs
FSB09-804-42D	Filter paper glass fibre G8 4.25cm 2.5µm	100pcs
FSB09-804-55D	Filter paper glass fibre G8 5.5cm 2.5µm	100pcs
FSB09-804-70D	Filter paper glass fibre G8 7cm 2.5µm	100pcs
<b>Fisherbrand G6 – Equivalent to Whatman GF/A</b>		
FSB09-804-21A	Filter paper glass fibre G6 2.1cm 1.6µm	100pcs
FSB09-804-24A	Filter paper glass fibre G6 2.4cm 1.6µm	100pcs
FSB09-804-42A	Filter paper glass fibre G6 4.25cm 1.6µm	100pcs
FSB09-804-55A	Filter paper glass fibre G6 5.5cm 1.6µm	100pcs



## Glass Fibre Filter Paper (Continued)

Item	Description	Unit
FSB09-804-70A	Filter paper glass fibre G6 7cm 1.6µm	100pcs
FSB09-804-90A	Filter paper glass fibre G6 9cm 1.6µm	100pcs
FSB09-804-110A	Filter paper glass fibre G6 11.0cm 1.6µm	100pcs
FSB09-804-125A	Filter paper glass fibre G6 12.5cm 1.6µm	100pcs
FSB09-804-150A	Filter paper glass fibre G6 15cm 1.6µm	100pcs
WHA1820-047	Filter glass microfibre GF/A 1.6µm 4.7cm	100pcs
WHA1820-110	Filter glass microfibre GF/A 1.6µm 11cm	100pcs

### Fisherbrand G4 – Equivalent to Whatman GF/C

FSB09-804-21C	Filter paper glass fibre G4 2.1cm 1.2µm	100pcs
FSB09-804-24C	Filter paper glass fibre G4 2.4cm 1.2µm	100pcs
FSB09-804-42C	Filter paper glass fibre G4 4.25cm 1.2µm	100pcs
FSB09-804-55C	Filter paper glass fibre G4 5.5cm 1.2µm	100pcs
FSB09-804-70C	Filter paper glass fibre G4 7cm 1.2µm	100pcs
FSB09-804-90C	Filter paper glass fibre G4 9cm 1.2µm	100pcs
WHA1822-025	Filter glass microfibre GF/C 1.2µm 2.5cm	100pcs
WHA1822-047	Filter glass microfibre GF/C 1.2µm 4.7cm	100pcs
WHA1822-150	Filter glass microfibre GF/C 1.2µm 15cm	100pcs

### Fisherbrand G2 – Equivalent to Whatman GF/B

FSB09-804-21B	Filter paper glass fibre G2 2.1cm 1.0µm	100pcs
FSB09-804-55B	Filter paper glass fibre G2 5.5cm 1.0µm	100pcs
WHA1821-025	Filter glass microfibre GF/B 1.0µm 2.5cm	100pcs



## Qualitative Filter Paper

Item	Description	Unit
WHA1001-047	Filter paper qualitative no.1 11µm 4.7cm	100pcs
WHA1001-070	Filter paper qualitative no.1 11µm 7cm	100pcs
WHA1001-090	Filter paper qualitative no.1 11µm 9cm	100pcs
WHA1001-110	Filter paper qualitative no.1 11µm 11cm	100pcs
WHA1001-125	Filter paper qualitative no.1 11µm 12.5cm	100pcs
WHA1001-150	Filter paper qualitative no.1 11µm 15cm	100pcs

### Fisherbrand P8 – Equivalent to Whatman No.4

FSB09-795-AA	Filter paper P8 2.5cm 20-25µm	100pcs
FSB09-795-A	Filter paper P8 5.5cm 20-25µm	100pcs
FSB09-795-B	Filter paper P8 7cm 20-25µm	100pcs
FSB09-795-C	Filter paper P8 9cm 20-25µm	100pcs
FSB09-795-D	Filter paper P8 11cm 20-25µm	100pcs
FSB09-795-E	Filter paper P8 12.5cm 20-25µm	100pcs
FSB09-795-F	Filter paper P8 15cm 20-25µm	100pcs
FSB09-795-G	Filter paper P8 18.5cm 20-25µm	100pcs
FSB09-804	Filter paper P8 19cm 20-25µm	100pcs



## Qualitative Filter Paper (Continued)

Item	Description	Unit
FSB09-795-H	Filter paper P8 20.5cm 20-25µm	100pcs
FSB09-795-J	Filter paper P8 24cm 20-25µm	100pcs
FSB09-795-K	Filter paper P8 33cm 20-25µm	100pcs
FSB09-800	Filter paper P8 50x50cm 20-25µm	500pcs
FSB09-802-1B	Filter paper P8 46x57cm 20-25µm	100pcs
WHA1004-047	Filter paper qualitative no. 4 20-25µm 4.7cm	100pcs
WHA1004-125	Filter paper qualitative no. 4 20-25µm 12.5cm	100pcs
<b>Fisherbrand P2 – Equivalent to Whatman No.5</b>		
FSB09-803-5A	Filter paper P2 5.5cm 1-5µm	100pcs
FSB09-803-5B	Filter paper wP2 7cm 1-5µm	100pcs
FSB09-803-5C	Filter paper P2 9cm 1-5µm	100pcs
FSB09-803-5E	Filter paper P2 12.5cm 1-5µm	100pcs
FSB09-803-5F	Filter paper P2 15cm 1-5µm	100pcs
WHA1005-110	Filter paper qualitative no.5 2.5µm 11cm	100pcs
WHA1005-150	Filter paper qualitative no.5 2.5µm 15cm	100pcs



## Syringe Filters

Syringe filters offer a reliable and fast means of clarifying and preparing sample volumes of 1mL-200mL. A wide variety of membrane types are available to suit your application. Choose from CA, MCE, PES, PP, PTFE, PVDF and nylon membranes. Contact us for further information on the syringe filter to meet your filtration requirements.

Item	Description	Unit
FSBSE4M081I99	Syringe filter 25mm MCE 0.45µm non sterile	100pcs
FSBSE4M018I09	Syringe Filter 33mm Nylon 0.2µm non sterile	50pcs
FSBSE4M019I09	Syringe Filter 33mm Nylon 0.2µm non sterile	150pcs
FSBSE4J020I09	Syringe Filter 33mm Nylon 0.45µm non sterile	50pcs
FSBSE4J021I09	Syringe Filter 33mm Nylon 0.45µm non sterile	150pcs
FSBSE4M036I09	Syringe Filter 33mm Nylon 0.45µm non sterile	1500pcs
FSBSE2M787H5	Syringe Filter 25mm PTFE 0.2µm non sterile	50pcs
FSBSE4M039I00	Syringe Filter 25mm PTFE 0.2µm non sterile	150pcs
FSBSE2M780H5	Syringe Filter 25mm PTFE 0.45µm non sterile	50pcs
FSBSE4M040I00	Syringe Filter 25mm PTFE 0.45µm non sterile	150pcs
THCCH4525-PES	Syringe Filter 25mm 0.45µm PES	100pcs
THCCH4525-PVH	Syringe Filter 25mm 0.45µm PVDF hydrophobic	100pcs
THCCH4525-CA	Syringe Filter 25mm 0.45µm CA	100pcs
THCCH4525-NN	Syringe Filter 25mm 0.45µm Nylon	100pcs
THCCH4525-NP	Syringe Filter 25mm 0.45µm PTFE	100pcs
THCCH4525-PP	Syringe Filter 25mm 0.45µm Polypropylene	100pcs
THCCH4525-PV	Syringe Filter 25mm 0.45µm PVDF hydrophilic	100pcs



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# Microbiology & Hygiene Monitoring

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All your needs covered in this most extensive range of microbiology. Hygiene monitoring, pre-prepared media and enzyme test kits.

### Dehydrated Culture Media

Oxoid dehydrated culture media for the determination of the microbiological flora in the fermentation processes.

Item	Description	Unit
CM0309B	WL Nutrient Agar	500g
CM0501B	WL Nutrient Broth	500g
CM0361B	MRS Agar	500g
SR0222C	Cyclohexamide Solution 0.1%	100mL



### Gas Generating Systems

Oxoid gas generating systems for creation of the optimal growth conditions for anaerobes, microaerophics and CO<sub>2</sub> dependent organisms.

Item	Description	Unit
AG0025A	AnaeroJar 2.5L (fully assembled) holds up to 12x 90mm plates	EA
AN0025A	AnaeroGen 2.5L Anaerobic atmosphere generation sachets	10pcs
AN0035A	AnaeroGen 3.5L Anaerobic atmosphere generation sachets	10pcs
AN0010C	AnaeroGen compact complete with 10 sachets and pouches	10pcs
BR0055B	Anaerobic indicator	100pcs



### Hygiene Monitoring

Neogen AccuPoint® Advanced: Hygiene Monitoring System is a lightweight, handheld system that validates the effectiveness of a sanitation program by detecting ATP from food residues and microorganisms present on surfaces and in liquids. The system utilises easy-to-use AccuPoint samplers, which automatically mix prepared reagents to quickly generate results.

Neogen AccuClean® is intended to be used as a simple method to determine the cleanliness of food contact surfaces and equipment. After 10 minutes, the sampling tip is compared to a color chart to gauge the level of protein detected.

Item	Description	Unit
NEO9902	AccuPoint Advanced Hygiene Monitoring System	EA
NEO9905	AccuPoint Advanced Surface Sampler	100pcs
NEO9906	AccuPoint Advanced Water Sampler	100pcs



# Microbiology & Hygiene Monitoring

## Hygiene Monitoring (Continued)

Item	Description	Unit
NEO9907	AccuPoint Advanced Access Sampler	100pcs
NEO9670	AccuClean Sanitation Test Sampler	100pcs
DS0147A	Dip Slide TTC Red Spot	10pcs
DS0155A	Dip Slide TTC Red Spot / Malt Extract Agar	10pcs
EM0100S	Oxoid Air Sampler with Stainless Steel Head for 90mm plates	EA

## Prepared Media

Oxoid prepared plated and tube media are manufactured in our NATA accredited facility. 3M™ Petrifilm™ AQUA Plates are sample-ready plates that replace conventional agar, petri dishes, media pads and disposable filter funnels used in the microbial testing of water. Colitag rapid presence/absence test for *E.coli* & coliform in water.

Item	Description	Unit
PP2145	Plate Count Agar	10pcs
PP2159	R2A Agar	10pcs
PP2311	MRS Agar	10pcs
PP2358	Lysine Medium	10pcs
PP2296	WLNA + Cycloheximide	10pcs
PP2136	WLDA	10pcs
PP2137	WLNA	10pcs
TM1864	Brettanomyces/Dekkara Broth 15mL	75pcs
3M6450	3M™ Petrifilm™ AQUA Heterotrophic count plate	100pcs
3M6457	3M™ Petrifilm™ AQUA Coliform count plate	50pcs
3M6408	3M™ Petrifilm™ AQUA Yeast & Mould count plate	100pcs
3M6418	3M™ Petrifilm™ AQUA Enterobacteriaceae plate	50pcs
CPI4600-0011	Colitag test kit	20pcs
CPI4600-0013	Colitag test kit	100pcs
CPI4600-0121C	Colitag 120mL sample vessels with sodium thiosulphate	100pcs
CPI4600-FILM5	Sealing Film	5pcs
CPI4600-ST	MPN Plate Sealing Tool Roller	EA
CPI46001	MPN Plate	100pcs



## Test Kits (Allergen)

Elisa Systems provide allergen test kits to meet the new EU allergens labelling requirements.

Item	Description	Unit
ESEGG-48	Elisa Systems Enhanced Egg Allergen Kit	48pcs
ESCASPRD	Elisa Systems Casein Allergen Kit	48pcs
ESADDSOL	Elisa Systems Allergen Kit Extraction Solution for Polyphenols in red wine samples 20X concentrate to make a final volume of 500mL	EA



## Wine analysis resources cellar

Understanding the demands of wine safety testing can be a complex task for the laboratory with numerous analytes and residues to monitor. Our separation and detection technologies, combined with experienced applications competence, and our best suited chemistries provide ideal solutions for the analysis of wine. Each library is a targeted collection of scientific applications, videos, webinars, and resources based on your interests.

Visit our wine analysis resources cellar at [thermoscientific.com/wine](https://thermoscientific.com/wine)

# Reagent Kits & Analysers

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# Increasing productivity by automating testing and quality monitoring.

## Instrument

Thermo Scientific™ Gallery™ and Gallery™ Plus discrete analyzers are easy to use, automated systems that allow laboratories to simplify their testing with the dual benefits of time and cost savings. All necessary analysis steps are automated, providing true walk-away time for the operator. Applications include food, beverage, water, soil, and industrial quality control.

In wine production, sugars, acids, alcohol, and sulfite analysis are important parameters for production and quality control. Gallery analyzers require no advanced preparation time and samples can be added at any time without interrupting the current run.

Both Gallery instruments provide an integrated platform for two measurement techniques, photometric and electrochemical (ECM) which can be run simultaneously.

Item	Description	Unit
CDK98610001-2	Gallery with wine filter set	EA
CDK98611001-2	Gallery with ECM (pH electrode) and wine filter set	EA
CDK98620001-2	Gallery Plus with wine filter set	EA
CDK98621001-2	Gallery Plus with ECM (pH electrode) with wine filter set	EA

See more at:

[thermofisher.com/gallery](http://thermofisher.com/gallery)

[thermofisher.com/galleryplus](http://thermofisher.com/galleryplus)





# Reagent Kits & Analysers

## System Reagents (for Gallery & Konelab Arena systems)

Thermo Scientific system reagents for wine and juice testing are ready to go, saving the technician's time and reducing errors.

Item	Description	Unit
CDK984347	Acetaldehyde 250 tests	EA
CDK984303	Acetic Acid 1000 tests	EA
CDK984318	Acetic Acid 300 tests	EA
CDK984342	Alpha-Amino Nitrogen (NOPA) 300 tests	EA
CDK984320	Ammonia 300 tests	EA
CDK984635	L-Ascorbic Acid 250 tests	EA
CDK984361	Calcium 350 tests	EA
CDK984327	Citric Acid 250 tests	EA
CDK984628	Copper 300 tests	EA
CDK984302	D-Fructose 300 tests	EA
CDK984710	D-Gluconic Acid 250 tests	EA
CDK984304	D-Glucose 300 tests	EA
CDK984313	D-Glucose + D-Fructose 1000 tests	EA
CDK984314	D-Glucose + D-Fructose 300 tests	EA
CDK984301	D-Glucose + D-Fructose + Sucrose 1000 tests	EA
CDK984317	D-Glucose + D-Fructose + Sucrose 300 tests	EA
CDK984300	Ethanol 350 tests	EA
CDK984316	Glycerol 300 tests	EA
CDK984308	L-Lactic Acid 300 tests	EA
CDK984310	L-Malic Acid 300 tests	EA
CDK984311	L-Malic Acid 1000 tests	EA
CDK984360	Magnesium 350 tests	EA
CDK984348	Oxalic Acid 250 tests	EA
CDK984349	pH (Colorimetric) (330)	EA
CDK984634	SO <sub>2</sub> Free 430 tests	EA
CDK984345	SO <sub>2</sub> Total 300 tests	EA
CDK984312	Sucrose (Total Glucose) 300 tests	EA
CDK984632	Total Acids (Wine pH7) 400 tests	EA
CDK984326	Total Iron 850 tests	EA
CDK984346	Total Polyphenol 280 tests	EA
CDK984328	Total Protein (Biuret)	EA
CDK984321	Urea (Ammonia) 775 tests	EA






# Reagent Kits & Analysers

## System Consumables

Item	Description	Unit
CDK986540	DECACELL cuvettes, 5400 tests (for Gallery)	EA
CDK984000	Multicell cuvettes, 40 x 25pcs (for Konelab Arena)	EA
CDK989221	2mL sample cups	1000pcs
CDK984619	7mL sample tubes	1000pcs
CDK984030	Washing solution 4.5%	4 x 20mL
CDK981456	20mL reagent bottles	16pcs



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# Cellular & Molecular Tools for Wine Analysis

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## Cell Counter

With the option for a reusable slide and fluorescence capabilities—brightfield and two user-changeable fluorescence channels—the Invitrogen™ Countess™ II FL Automated Cell Counter can count cells as small as 7µm, monitor fluorescent protein expression, and measure cell viability.

Find out more at [thermofisher.com/countess](https://thermofisher.com/countess)

Item	Description	Unit
AMQAF1000	Countess® II FL Automated Cell Counter	EA
AMQAX1000	Countess® II Automated Cell Counter	EA

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# Cellular & Molecular Tools for Wine Analysis

## Cell Imaging Systems

Designed to eliminate the complexities of microscopy without compromising performance, the EVOS® line of cell imaging systems makes cell imaging accessible to almost every lab and budget.

Find out more at [thermofisher.com/evos](http://thermofisher.com/evos)

Item	Description	Unit
AMEX1000	EVOS® XL Core Imaging System	EA
AME3300	EVOS® XL Imaging System	EA
4471136	FLoid® Cell Imaging Station	EA
AMF4300	EVOS® FL Imaging System	EA
AMAFD1000	EVOS® FL Auto Imaging System	EA

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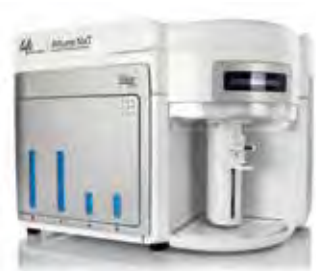
## Flow Cytometer

Designed with non-clogging fluidics and exceptionally high sample flow rates, the Attune NxT flow cytometer offers rapid, accurate analysis for a broad range of samples—all in a grow-with-you system that can be customized with up to 4 lasers and 14 colors.

Find out more at [thermofisher.com/attune](http://thermofisher.com/attune)

Item	Description	Unit
A24864	Attune NxT Acoustic Focusing Cytometer (Blue laser)	EA
A24863	Attune NxT Acoustic Focusing Cytometer (Blue, red laser)	EA
A24862	Attune NxT Acoustic Focusing Cytometer (Blue, violet laser)	EA
A24861	Attune NxT Acoustic Focusing Cytometer (Blue, yellow laser)	EA
A24860	Attune NxT Acoustic Focusing Cytometer (Blue, red, violet laser)	EA
A24859	Attune NxT Acoustic Focusing Cytometer (Blue, violet, yellow laser)	EA
A24858	Attune NxT Acoustic Focusing Cytometer (Blue, red, yellow, violet laser)	EA

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# Cellular & Molecular Tools for Wine Analysis

## Real-Time PCR Instruments & Assays

Every lab is unique. That's why you deserve a qPCR platform that fits your needs. Perhaps you're looking for simplicity on a budget, or reliable results from limited samples. Maybe your research requires high throughput for maximum productivity, or absolute answers to take your work to the next level. Whatever you need, there's a Quantstudio qPCR system that's just right for you.

Find out more at [thermofisher.com/quantstudioqpcrfamily](http://thermofisher.com/quantstudioqpcrfamily)

Item	Description	Unit
A28136	QuantStudio® 3 Real-Time PCR System, 96-well, 0.1mL	EA
A28137	QuantStudio® 3 Real-Time PCR System, 96-well, 0.2mL	EA
A28138	QuantStudio® 5 Real-Time PCR System, 96-well, 0.1mL	EA
A28139	QuantStudio® 5 Real-Time PCR System, 96-well, 0.2mL	EA
A28140	QuantStudio® 5 Real-Time PCR System, 384-well	EA
4396838	TaqMan® Environmental Master Mix 2.0	200 reactions
4444432	TaqMan® Fast Virus 1-Step Master Mix	1 x 1mL
4415440	MeltDoctor™ HRM Master Mix	50mL

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