

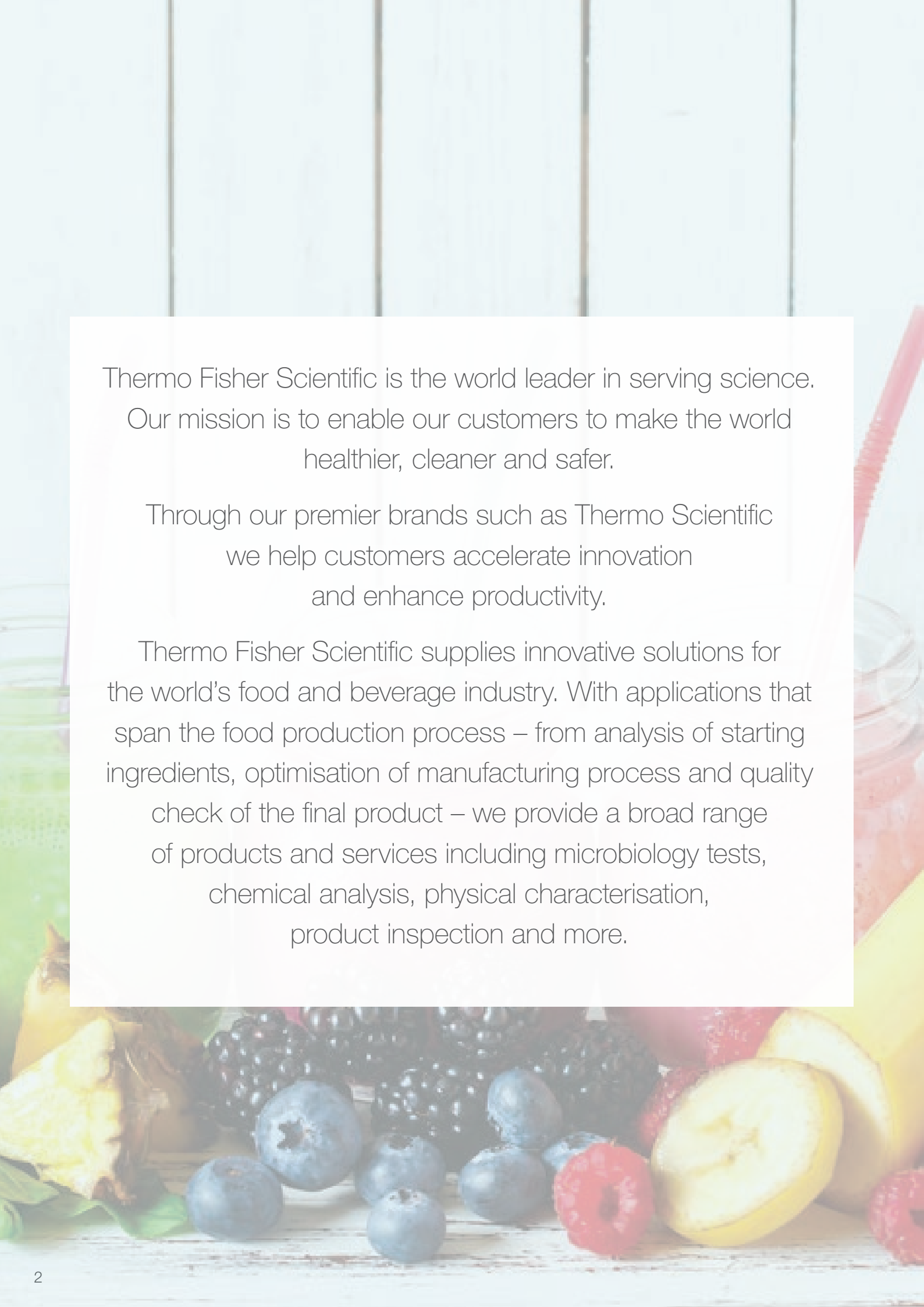


**food** safety

# Product Catalogue

Testing for product safety, quality and authenticity in the food, dairy and beverage industry.

**ThermoFisher**  
SCIENTIFIC



Thermo Fisher Scientific is the world leader in serving science.  
Our mission is to enable our customers to make the world  
healthier, cleaner and safer.

Through our premier brands such as Thermo Scientific  
we help customers accelerate innovation  
and enhance productivity.

Thermo Fisher Scientific supplies innovative solutions for  
the world's food and beverage industry. With applications that  
span the food production process – from analysis of starting  
ingredients, optimisation of manufacturing process and quality  
check of the final product – we provide a broad range  
of products and services including microbiology tests,  
chemical analysis, physical characterisation,  
product inspection and more.

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## Sartorius Entris balances

Sartorius Entris® balances are reliable weighing instruments giving you fast and accurate results. Choice of internal or external calibration. Other models available on request.



Item Code	Description	Unit
SARENTRIS64I-1S	Entris Balance 60 g x 0.1 mg 4 dp	EA
SARENTRIS124I-1S	Entris Balance 120 g x 0.1 mg 4 dp	EA
SARENTRIS224I-1S	Entris Balance 220 g x 0.1 mg 4 dp	EA
SARENTRIS153I-1S	Entris Balance 150 g x 1 mg 3 dp	EA
SARENTRIS323I-1S	Entris Balance 320 g x 1 mg 3 dp	EA
SARENTRIS423I-1S	Entris Balance 420 g x 1 mg 3 dp	EA
SARENTRIS623I-1S	Entris Balance 620 g x 1 mg 3 dp	EA
SARENTRIS822I-1S	Entris Balance 820 g x 0.01 g 2 dp	EA
SARENTRIS2202I-1S	Entris Balance 2,200 g x 0.01 g 2 dp	EA
SARENTRIS3202I-1S	Entris Balance 3,200 g x 0.01 g 2 dp	EA
SARENTRIS4202I-1S	Entris Balance 4,200 g x 0.01 g 2 dp	EA
SARENTRIS6202I-1S	Entris Balance 6,200 g x 0.01 g 2 dp	EA
SARENTRIS2201I-1S	Entris Balance 2,200 g x 0.1 g 1 dp	EA
SARENTRIS5201I-1S	Entris Balance 5,200 g x 0.1 g 1 dp	EA
SARENTRIS8201I-1S	Entris Balance 8,200 g x 0.1 g 1 dp	EA

## Thermo Scientific and VELP Scientifica hotplates and hotplate magnetic stirrers

Whether you require stirring, heating or stirring and heating, our range of Thermo Scientific™ and VELP Scientifica hotplates and hotplate magnetic stirrers can offer precise stirring control, exceptional safety and superior temperature control for your routine protocols. Other models available on request.



Item Code	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
VELF20500162	Heating Magnetic Stirrer model ARE 155mm diameter 800w stirring capacity up to 10L electronic speed regulation up to 1200rpm up to 350°C	EA
VELF20500011	Heating magnetic stirrer model AREC with digital temperature display plate dimensions 180x180mm stirring capacity 15 litres speed up to 1300rpm and temp 540°C max	EA
VELF20700081	REC Hotplate digital Ceramic top 180x180mm 540°C	EA
VELF20500101	HSC Hotplate stirrer with ceramic top, Max Speed 1300 rpm Max temp 400°C, 15L	EA
VELF203A0160	MST Magnetic Stirrer 1100rpm up to 5 L 130 x 150 x 50 mm	EA

## Thermo Scientific Heratherm refrigerated incubators

Thermo Scientific™ Heratherm™ refrigerated incubators have a temperature range of +5 to +70°C. With peltier technology for energy savings and reliable stable temperature control. Velp incubators have internal sockets for use with shakers and BOD stirrers.



Item Code	Description	Unit
HEA51031562	IMP180 Heratherm refrigerated incubator 178L Temp range +5 to 70°C	EA
HEA51031565	IMP400 Heratherm refrigerated incubator 381L Temp range +5 to 70°C	EA
VELF10300310	FOC120E Cooled incubator 120L temp range 3-50°C with 2 shelves	EA
VELF10400340	FOC215I Cooled incubator 215L, temp range 3-50°C with inner glass door & 4 shelves	EA

## Thermo Scientific Heratherm ovens

Thermo Scientific™ Heratherm™ benchtop 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.



Heratherm large capacity ovens are available in 400 or 750 litre size with two airflow technologies (gravity or mechanical convection).

Item Code	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
HEA51029328	General protocol oven, gravity convection. OGS400 Heratherm 400L 50°C to 250°C	EA
HEA51029340	General protocol oven, gravity convection. OGS750 Heratherm 750L 50°C to 250°C	EA
HEA51029331	Advanced protocol oven, mechanical convection. OMH400 Heratherm 400L 50°C to 250°C	EA
HEA51029345	Advanced protocol oven, mechanical convection. OMH750 Heratherm 750L 50°C to 250°C	EA

## Funke Gerber Cryostar

The Funke Gerber Cryostar™ is a highly accurate and reliable cryoscope for freezing point determination as prescribed in the ISO/IDF/DIN 5764 standard.

- Easy to use: the operation is menu guided on the touch screen.
- Sure performance: 4 decimal place accuracy of the CryoStar gives excellent repeatability.
- Fast: up to 40 samples can be measured per hour.
- The CryoStar can be connected to a printer or computer and measured values can be saved to a USB drive for further processing.



Item Code	Description	Unit
FUN7150	CryoStar 1 Cryoscope	EA
FUN7160	CryoStar Automatic with 12 place autosampler	EA

## Interscience BagMixer 400 stomacher

The Interscience™ BagMixer™ 400 stomacher gives you guaranteed optimal extraction by the action of its two paddles blending at 8 strokes per second. Adapted to any sample, food, agricultural, medical or environmental, to be analysed between 50 and 400mL.

- Easy cleaning - all stainless steel with 270 degree opening door.
- Safe - the handle closes the blender and starts the blending.
- Quick and accurate homogenisation in 30 to 60 seconds.
- Compact and ergonomic.
- 3 year guarantee with a life-time guarantee on the shock absorbers and window door on the 400W model.



Item Code	Description	Unit
INTBAGMIXERP	BagMixer 400 P Fixed Speed Lab Blender, solid door	EA
INTBAGMIXERW	BagMixer 400 W Fixed Speed Lab Blender, window	EA
INT132225	BagLight Multilayer 400 mL Sterile	500pcs
INTBAGFILTER	BagFilter P Lateral Filter Bags 400 mL	500pcs
INTBAGPAGE	BagPage Plus 400 Filter Bags 400 mL Sterile	500pcs

## IUL Smart Dilutor W

The IUL Smart Dilutor W is the solution for labs seeking full processing capacity and traceability in gravimetric or liquid dispensing. Its precise weigh cell and powerful peristaltic pump approach optimised dilutions/liquid dispensing to food, pharmaceutical and cosmetic quality control labs.

- User Friendly - touch panel operation and two point calibration cuts calibration time down to a few seconds.
- Flexibility - wide range of configurations including diluent usage, linking of two pumps to gain extra dilution speed and liquid dispensing.
- Diluents can be dispensed from a ready to use media bag or ISO4796 lid bottles.
- Connectivity and traceability - use with a barcode reader to drive traceability features, send information to a printer or connect to LIMS.



Item Code	Description	Unit
IUL7900	Smart Dilutor White. Single Pump	EA
IUL7901	Smart Dilutor White. Double Pump	EA

## Thermo Scientific Heratherm advanced protocol security incubators

Thermo Scientific™ Heratherm™ advanced protocol security microbiological incubators have a self-cleaning capability, ultimate sample security, and superior temperature uniformity for all your food and beverage testing needs.

- Certified decontamination cycle: 140 °C reduces contaminating microorganisms to a minimum. The self-cleaning feature eliminates the need for autoclaving interior fittings and using harsh cleaning chemicals resulting in time saved and increased safety.
- Ultimate sample protection with over and under temperature alarms, door ajar alarm and a lockable door for restricted access (benchtop units only).
- Market leading spatial uniformity and stability: No cold spots and allows the whole chamber to be utilised.
- Broad temperature range from ambient +5 °C to 105 °C - can be used for moisture testing.
- Ease of use: intuitive user interface, timer and alarms. Stainless steel interior with rounded corners for easy cleaning and corrosion resistant.
- 2 year warranty on parts and labour, for peace of mind.



Item Code	Description	Unit
HEA51028136	IMH60-S Advanced Protocol Security Incubator 66L	EA
HEA51028137	IMH100-S Advanced Protocol Security Incubator 104L	EA
HEA51028138	IMH180-S Advanced Protocol Security Incubator 178L	EA
HEA51029325	IMH400-S Advanced Protocol Security Incubator 381L	EA
HEA51029337	IMH750-S Advanced Protocol Security Incubator 702L	EA

## Thermo Scientific Thermolyne premium large muffle furnaces

Our range of Thermo Scientific™ Thermolyne™ premium large muffle furnaces are reliable and rugged with multiple safety features ideal for food applications including; ashing for heavy metal analysis, calorie details and determination of indigestible portions.

- 1200°C max temperature.
- 4 elements in top, bottom and sides for enhanced temperature uniformity.
- Built in vent port to remove moisture and contaminants.
- Adjustable alarm for over temperature protection.
- Door safety switch stops power when door is opened.



Item Code	Description	Unit
BARF6020C-33	14 L furnace with single set point controller	EA
BARF6020C-33-80	14 L furnace with 8 step programmable controller	EA
BARF6030CM-33	14 L furnace with 4x16 step programmable controller	EA

## VELP Scientifica DKL kjeldahl digestion units

Fully automatic kjeldahl digestion units for nitrogen analysis and protein determination that incorporate the revolutionary TEMS™ technology for unprecedented savings in terms of time, energy, money and space.

- Microprocessor control of precise block temperature with real time display of process steps.
- 54 programs (30 pre-installed, 24 customisable).
- Automated operation for ease of use.
- Aluminum block for absolute temperature homogeneity and unmatched conductivity for fast response up to 450°C.
- Conforms to Good Laboratory Practice standard.



Item Code	Description	Unit
VELS30100200	DKL8 Digester system for 8 x 250 mL tubes	EA
VELS30100190	DKL12 Digester system for 12 x 250 mL tubes	EA
VELS30100210	DKL20 Digester system for 20 x 250 mL tubes	EA
VELS30100180	DKL42/26 Digester system for 42 x 100 mL tubes	EA



## VELP Scientifica DLS overhead stirrer

Offering digital control and strong rotation torque for all your stirring needs including liquids with high viscosity.

- Automatic speed compensation for changing solution viscosity thus increasing the motor durability.
- Progressive start-up: prevents stirred liquid from coming out of the beaker.
- Digital displays set and real speed, torque and countdown timer.
- Max speed 2,000 rpm, max volume 25L.
- Hand-tightened chuck; no tools required.
- Motor, stirring shaft and stand are included.



Item Code	Description	Unit
VELSA201A0155	DLS Overhead stirrer package	EA

## VELP Scientifica OV5 homogeniser

The ideal solution for dispersing, homogenising and mixing biological tissues (cells, animal and vegetable tissues), pharmaceutical products, cosmetics and food products.

- Powerful 500W motor offering speed up to 25,000 rpm for use in volumes up to 2,000mL.
- Usable with wide range of stainless steel reusable probes to match your application.
- Quiet operation.
- Easy to use shaft connects easily and quickly through a snap hook.



Item Code	Description	Unit
VELSA20900010	OV5 Homogeniser package including motor stand and dispersing tool for solid/liquid media	EA
VELR20900010	OV5 Homogeniser body speed requires disperser	EA
VELA00000046	Dispersing tool for use in 1.5 mL tubes and cuvettes	EA
VELA00000029	Dispersing tool for emulsions	EA
VELA00000027	Dispersing tool for stringy and fibrous material	EA
VELA00000041	High speed mixing tool	EA

## Thermo Scientific platform rockers, shakers and mixers

Whether you require simple rocking or orbital mixers, our range of Thermo Scientific™ platform rockers, shakers and mixers offer a wide choice of devices to suit your needs.



Item Code	Description	Unit
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
BAR88880026	Orbital shaker 50-300rpm compact digital, requires platform and clamps	EA
BARSHKE2000-1CE	MaxQ 2000 Digital Shaker 15-500rpm 44.2 x 34.3 x 16.3cm (LxWxH), requires platform and clamps	EA
BARSHKE3000-1CE	MaxQ 3000 Digital Shaker 15-500rpm 65.5 x 74.7 x 24.6cm (LxWxH), requires platform and clamps	EA
BARSHKA2000-1CE	MaxQ 2000 Analogue Shaker 40-400rpm 44.2x34.3x16.3cm (LWH), requires platform and clamps	EA
BARSHKA3000-1CE	MaxQ 3000 Analogue Shaker 40-400rpm 65.5x74.7x24.6cm (LWH), requires platform and clamps	EA

## Grant water baths (heated circulated)

Grant instruments Optima™ range of circulated baths offer 4 thermostats and 5 stainless steel tanks that can be configured to meet your temperature and volume requirements. Other sizes and thermostats available on request.

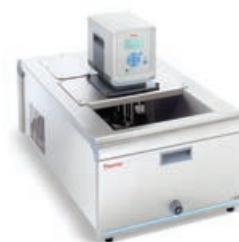


Item Code	Description	Unit
GRAT100	Heating Circulator amb +5°C to 100°C	EA
GRAT120	Heating Circulator amb +5°C to 120°C	EA
GRAST12	Tank stainless Steel 12L	EA
GRAST18	Tank stainless Steel 18L	EA
GRAST26	Tank stainless Steel 26L	EA

## Thermo Scientific water baths (refrigerated)

We offer Thermo Scientific™ arctic refrigerated baths for applications that require low temperatures to -10°C.

Item Code	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



## Grant water baths (shaking)

Grant shaking baths offer the choice of linear only or linear and orbital mixing. Temperature range of ambient +5 to 100°C. Wide choice of accessories suitable for tubes, flasks, bags and other common vessels.

Item Code	Description	Unit
GRALSB12	Linear shaking water bath 12L with clear lid	EA
GRALSB18	Linear shaking water bath 18L with clear lid	EA
GRAOLS26	Shaking water bath orbital/linear 26L with clear lid	EA



## Thermo Scientific water baths (unstirred)

Thermo Scientific™ 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 Code	Description	Unit
BARTSGP10	Precision unstirred 10L digital water bath	EA
BARTSGP28	Precision unstirred 28L digital water bath	EA



## Thermo Scientific Smart-Vue wireless monitoring

The Thermo Scientific™ Smart-Vue™ wireless monitoring solutions gives you 24/7 monitoring of critical lab equipment parameters and instant notifications about any potential threats. All data is continuously monitored and securely logged to assist with regulatory compliance. You don't tolerate compromise in your lab, neither does Smart-Vue.

Item Code	Description	Unit
SMVSV200-103-LSB	Wireless radio module system for Ultra-Low Temperature Freezers Range: -100°C to +150°C, calibrated at -80°, -40° and 0°C	EA
SMVSV201-103-LSB	Wireless radio module system for Cryogenic Storage Range: -200°C to +50°C, calibrated at -196°, -80° and 0°C	EA
SMVSV202-103-LSB	Wireless radio module system for Ovens Range: +100°C to +350°C, calibrated at 100°, 200° and 350°C	EA
SMVSV203-103-LSB	Wireless radio module system for single door Fridge, Freezer or Cold Rooms Range: -40°C to +80°C, calibrated at -30°, -15°, 0°, 20°, 40°C	EA
SMVSV205-303-LSB	Wireless radio module system for double door Fridge, Freezer or Cold Rooms Range: -40°C to 120°C, (for incubators / water baths), calibrated at -30°, -60°, 80°, 100°, 105°C	EA
SMVSV207-103-LSB	Wireless radio module system for Incubators, Stability Cabinets or Clean Rooms Temperature/RH sensor -40°C to +100°C, 0-100% RH, calibrated at 23°C and 50% RH	EA
SMVSV208-103-LSB	Wireless radio module system for Clean Rooms Range: -500 - +500 Pa, calibrations at 0 to 100 Pa with 10 Pa steps	EA
SMVSV210-103-LSB	Wireless radio module system for CO <sup>2</sup> incubators Range: 0°C to +50°C, 0 - 10% CO <sup>2</sup> , calibration at 37°C, 5% CO <sup>2</sup>	EA

## LabSystems ducted and ductless fume cupboards

Contamination control to protect operator, process and more.

- Ducted fume cupboards customised to suit your requirements, selecting size, materials & services to best suit your application.
- Ductless fume cupboards suitable for small laboratories to protect the operator from toxic gases, noxious fumes and particulates.
- Manufactured in Australia for over 35 years in an ISO accredited facility to Australian & New Zealand standards.

Contact: [labequipmentnz@thermofisher.com](mailto:labequipmentnz@thermofisher.com) for more information.





## Barnstead water purification systems

Pure water is elemental to the success of your experiments. Our complete line of Thermo Scientific™ Barnstead™ water purification technologies includes solutions for critical and everyday application needs.



Item Code	Description	Unit
<b>Type 1</b>		
TSW50129872	Smart2Pure 3 UV Water Purification System - Type I Ultrapure & Type II	EA
TSW50132373	MicroPure UV Ultrapure Water Purification System - Type I Ultrapure	EA
TSW50131952	GenPure Pro UV Ultrapure Water Purification System - Type I Ultrapure	EA
<b>Type 2</b>		
TSW50132121	Pacific TII 3 Water Purification System - Type II	EA
TSW50132123	Pacific TII 7 Water Purification System - Type II	EA
TSW50132124	Pacific TII 12 Water Purification System - Type II	EA
<b>Type 3</b>		
TSW50132385	Pacific RO 3 Water Purification System - Type III/RO	EA
TSW50132386	Pacific RO 7 Water Purification System - Type III/RO	EA
TSW50132387	Pacific RO 12 Water Purification System - Type III/RO	EA

Please contact us for more water purification options.

## Merck water purification systems

Merck lab water purification systems portfolio offers a broad range of pure and ultrapure water purification systems designed for scientists working in a range of industries.



Item Code	Description	Unit
<b>Type 1</b>		
MILZIQ7000T0	Milli-Q IQ 7000 Water Purification System - Type I Ultrapure	EA
MILZ00QSV0AS	Milli Q Reference Water Purification System Type I Ultrapure	EA
MILZRXQ003AS	Milli-Q Integral 3 Water Purification System - Type I Ultrapure & Type II from tap	EA
<b>Type 2</b>		
MILZRXV003AS	Elix Advantage 3 L/hr Water Purification System - Type II	EA
MILZRXV005AS	Elix Advantage 5 L/hr Water Purification System - Type II	EA
MILZRXV010AS	Elix Advantage 10 L/hr Water Purification System - Type II	EA



## Tuttnauer autoclaves

The Tuttnauer D-line benchtop series of autoclaves are fully automated and microprocessor controlled providing safe, economical and effective sterilisation. A range of sizes available suitable for a variety of applications.



Item Code	Description	Unit
TTN2840ELD	28L Benchtop Autoclave with Built-in Reservoir	EA
TTN3840ELD	52L Benchtop Autoclave with Built-in Reservoir	EA
TTN3870ELD	85L Benchtop Autoclave with Built-in Reservoir	EA

Find out more [thermofisher.co.nz/autoclaves](https://thermofisher.co.nz/autoclaves)

## Tuttnauer large horizontal autoclaves

The Tuttnauer line of large capacity autoclaves successfully meets the challenges posed by sterilisation in laboratories and research institutes.

- Flexible range of sizes and models from 120L to 8,840L to accommodate the requirements of both small labs and large facilities.
- Suitable for a wide range of load types: liquids, glassware, instruments, porous loads and other items.
- Easy to use with a large multi-colour touch screen display, onboard run storage, built in printer and optional software for real-time run tracking.
- Advanced options available to customise each autoclave, including a BSL3/4 bio-shield barrier for PC3 facilities.



Contact: [labequipmentnz@thermofisher.com](mailto:labequipmentnz@thermofisher.com) for more information.

## MasterFlex vacuum pumps

MasterFlex™ benchtop vacuum pumps offer L/S variable-speed modular drive with easy-load pump head and tubing.



Item Code	Description	Unit
C-P07553-75	Pump Masterflex drive system 6-600rpm 240v/50Hz/Single Phase	EA
C-P77200-50	Pump head Masterflex easy-load II CRS for precision tubing sizes 13 to 25	EA
C-P96400-16	Tubing silicone peroxide No 16 3.1mm ID sold per foot	EA

## Thermo Scientific Vacutherm vacuum ovens

Thermo Scientific™ Vacutherm™ vacuum ovens provide outstanding capabilities for fast and gentle drying.

- Can reach a temperature of up to 400°C.
- Automatic over-temperature cut-out for sample and oven protection.
- Optional inert gas connection to prevent possible oxidation or hazardous gas formation.
- Rapid and gentle ventilation valves.
- Convenient control with digital display for single-setpoint.

Item Code	Description	Unit
HEA51014552	VT6025 Vacuum Drying Oven 25 L	EA
HEA51014542	VT6060P Vacuum Drying Oven 53 L	EA
HEA51014543	VT6130P Vacuum Drying Oven 128 L	EA

## LabServ containers

LabServ® containers come in a variety of options, including:

- Polystyrene, polypropylene or polycarbonate.
- Available in 30, 70, 120, 250 and 500mL.
- Screw caps can be polypropylene or polyethylene (latter cap comes in variety of colours).
- Available labelled and unlabelled.
- Sterile options available.



Catalogue No	Size	Cap	Cap	Label	Sterile	Qty/box
Polystyrene container with polyethylene cap						
LBSUC2002	30 mL	Yellow	✓	-	-	500pcs
LBS32002Y	70 mL	Yellow	✓	-	-	500pcs
LBS32004Y	70 mL	Yellow	✓	✓	-	500pcs
LBS30121	120 mL	Yellow	✓	-	-	300pcs
LBS30123	120 mL	Yellow	✓	✓	-	300pcs
LBS32250	250 mL	Natural	✓	-	-	140pcs
Polypropylene container with polyethylene cap						
LBSUC2302	30 mL	Yellow	✓	-	-	500pcs
LBS30002Y	70 mL	Yellow	✓	-	-	500pcs
LBS30003X	70 mL	Pink	✓	-	✓	500pcs
LBSMC0202Y	120 mL	Yellow	✓	-	-	250pcs
LBS32260	250 mL	Natural	✓	-	-	140pcs
Polycarbonate container with polyethylene cap						
LBS30126	120 mL	Natural	✓	-	-	300pcs
LBS32258	250 mL	Natural	✓	-	-	140pcs
Polycarbonate container with polypropylene cap						
LBSUC2302	30 mL	Natural	✓	-	-	500pcs
LBSUC2303X	30 mL	Natural	✓	-	✓	500pcs

## LabServ PC bottles

- Made from polycarbonate.
- Available in a variety volumes.
- Screw caps made from polypropylene.
- Available sterile and non-sterile.

Item Code	Description	Unit
LBSBPC150	Bottle 150 mL PC natural PP screwcap	120pcs
LBSBPC153X	Bottle 150 mL PC natural PP screwcap sterile	120pcs
LBSBPC300	Bottle 300 mL PC natural PP cap	100pcs
LBSBPC303X	Bottle 300 mL PC natural PP screwcap sterile	60pcs
LBSBPC600	Bottle 600 mL PC natural PP screwcap separate	60pcs
LBSBPC603X	Bottle 600 mL PC natural PP screwcap sterile	60pcs





## LabServ PET range

- Available in 200, 400 and 1000mL.
- Screwcaps are made from polypropylene.
- Available wadded and unwadded.
- Available in clear and amber in the 400mL.
- Available dosed with sodium thiosulphate.



Item Code	Description	Unit
LBS32020	Container 200mL clear PET square with natural PP cap	160pcs
LBS32020W	Container 200mL clear PET square with natural wadded PP cap	160pcs
LBS33030	Container 400mL clear PET square with natural PP cap	160pcs
LBS33030AW	Container 400mL amber PET square with natural wadded PP cap	100pcs
LBS33030W	Container 400mL clear PET square with natural wadded PP cap	100pcs
LBS33034W	Container 400mL clear PET square with natural wadded PP cap sterile	60pcs
LBS351000	Container 1000mL clear PET square with natural wadded PP cap	42pcs
LBS351000X	Container 1000mL clear PET square with natural wadded PP cap sterile	42pcs
LBS33036THIO	Container 400mL clear PET square 40mg sodium thio with blue wadded PP cap	60pcs

## LabServ petri dishes

- Made from polystyrene.
- Stacking ring for stability.
- Available in options for manual or automatic pours.
- Full or half (divided) plate options.
- Square option available.



Item Code	Description	Unit
Sterile		
LBS60060X	Petri Dish 60 x 14 mm sterile	1000pcs
LBS60001X	Petri Dish 90 x 15 mm - full plate manual sterile	500pcs
LBSPD1002X	Petri Dish 90 x 15 mm sterile automatic	500pcs
Non-sterile		
LBS60060	Petri Dish 60 x 14 mm	1000pcs
LBS60001	Petri Dish 90 x 15 mm - full plate manual	500pcs
LBSPD1001	Petri Dish 90 x 15 mm automatic	500pcs

## LabServ media spreaders

- Made from polystyrene.
- 170mm length.
- Available in L and T shaped options.
- Gamma sterile.



Item Code	Description	Qty/Sleeve	Qty/Box
LBSSPR001X	Spreader L shape bar sterile	25	3000
LBSSPR002X	Spreader T shape bar sterile	10	2000

## LabServ test tubes

- Available in polystyrene, polypropylene and polycarbonate.
- Available in a variety volumes.
- Flat, V and round base options available.
- Available sterile and non-sterile.
- Overcaps available to suit 16mm tubes.



Item Code	Description	Unit
LBSP22001	Tube only PP 16 x 150 mm 20 mL round base	1000pcs
LBSP23001	Tube only PC 16 x 150 mm 20 mL round base	1000pcs
LBSCAP16150B	Cap 16mm PP blue for LBSP2 tubes	4000pcs
LBSP0936PC	Tube only PC 9 x 36 mm natural V base	1000pcs

## LabServ vials

- Vials are made from polypropylene.
- Screwcaps are made from polyethylene.
- P35 are 26mm wide x 69mm high and P53 are 26mm wide x 106mm high.
- Screwcap available in variety of colours:



**P35:** blue (LBS3712B), green (LBS3712G), orange (LBS3712O), plum (LBS3712P), purple (LBS3712PL), red (LBS3712R).  
**P53:** blue (LBS3753B), green (LBS3753G), red (LBS3753R).

Item Code	Description	Unit
P35		
LBS3712N	Vial 35mL PP natural screwcap	1000pcs
LBS3712W	Vial 35mL PP white screwcap	1000pcs
LBS3712Y	Vial 35mL PP yellow screwcap	1000pcs
P53		
LBS3753W	Vial 47mL PP white PE screwcap	700pcs
LBS3753Y	Vial 47mL PP yellow PE screwcap	700pcs

## 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 Code	Description	Unit
BSPA97.500	Buffer solution pH 4 colour-coded red	500mL
BSPA17.500	Buffer solution pH 4 colourless	500mL
BSPA98.500	Buffer solution pH 7 colour-coded green	500mL
BSPA18.500	Buffer solution pH 7 colourless	500mL
BSPA99.500	Buffer solution pH 10 colour-coded blue	500mL
FSBJ/2825/15	Buffer solution pH 4.00 red NIST traceable	1L
FSBJ/2855/15	Buffer solution pH 7.00 yellow NIST traceable	1L
FSBJ/2885/15	Buffer solution pH 10.00 blue NIST traceable	1L
FSBB/4760/77	Buffer tablets pH 4.00 GP make 100mLs tablets	50pcs
FSBB/4765/77	Buffer tablets pH 7.00 GP make 100mLs tablets	50pcs



## Cleaners

We have a wide range of cleaners and detergents for food and beverage applications.

Item Code	Description	Unit
DEC90/5	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
RBSSOLIDPF	RBS SOLIDPF Multipurpose Alkaline Powder	4.5kg
DIVHH12291	Pyronex liquid concentrate. NZFSA Approved C31. Mildly alkaline cleaner and disinfectant for manual and ultrasonic washing	2L
DIVHH13231	Pyronex powder concentrate. Mildly alkaline cleaner and disinfectant for manual and ultrasonic washing	3kg
BSPSTE70/R	Ethanol denatured alcohol 70%. Sterile filtered through 0.22 micron. Trigger spray individually sealed in overwrap MPI C44 Approved	6 x 500mL
BSPSTI70	Iso propyl alcohol 70%. Sterile filtered through 0.22 micron. Trigger spray individually sealed in overwrap MPI C44 Approved	6 x 500mL
LABAB901	Mediwipe disinfectant dispenser. MAF approved contains 70% isopropyl alcohol wipes	160pcs
FSH15126686	Chemgene lab disinfectant concentrate HLD4L validated for centrifuges, incubators, pipettors and cell culture equipment	5 L
FSH15136686	Chemgene lab disinfectant concentrate HLD4L 5L Validated for centrifuges, incubators, pipettors and cell culture equipment	1 L
FSH15106686	Chemgene lab disinfectant spray bottle validated for centrifuges, incubators, pipettors and cell culture equipment	750mL
FSH15146686	Chemgene lab disinfectant wipes validated for centrifuges, incubators, pipettors and cell culture equipment	200pcs

## LabServ nitrile gloves

The LabServ range of nitrile powder-free gloves have been specifically designed for laboratory, pharmacy, food processing, food preparation and general industry uses.

- Textured - for secure grip in wet or dry conditions.
- More puncture resistant than latex, rubber and vinyl.
- Ambidextrous for greater comfort, fit and feel.



Item Code	Description	Unit
LBS90200	Gloves nitrile powder free x-small	100pcs

Also available in small (LBS90201), medium (LBS90202), large (LBS90203) and extra large (LBS90204).

## Promed cleaning equipment

Promed® Prowipe® is ideal as a bacterial and fungi disinfection on hard surfaces. Impregnated with 70% Isopropyl alcohol and 30% filtered UV treated water. Ideal application surfaces include stainless steel surfaces, plastic, timber, bench tops and equipment surfaces.

Promed® Protowel® is ideal for use on hard surfaces in laboratories. It's latex free, single Use, low lint and superior absorbency. Wet and dry tensile strength (45gsm fabric), Spunlace (70% Rayon, 30% PET), Autoclavable, 33 x 32cm and white.



Item Code	Description	Unit
PMDNW7100	Promed Protowel low lint towel 330x320mm	1200pcs
PMDNW7000	Promed Prowipe 70% alcohol wipe 75count	12/Carton

## Mediwipes surface disinfectant wipes

Mediwipes® surface disinfectant wipes are approved for use in food and dairy industries.

Mediwipes textured wipes eliminate 99.9% of bacterial contamination, making them ideal for surface sanitisation. Suitable for use on bench and table tops, stainless steel, glass, plastics, food probes, equipment, and safe for use on hands.

- MPI approved C44 for food service.
- MPI approved for use in dairy farms.
- Asure Quality approved for food, beverage, dairy factory and food contact services.



Item Code	Description	Unit
LABAB901	Mediwipe disinfectant dispenser 200 x 140 mm	160pcs



## LabServ sterile alcohol disinfectant spray bottles

MPI approved. LabServ pronalys denatured ethanol & IPA disinfectants available in handy 500mL non-aerosol trigger spray bottles.

- MPI C44 approved non-pyrogenic cleaning solution.
- Sterile and 0.22µL filtered non-aerosol trigger spray bottle.
- Batch tested for sterility via the USP 14-day sterility test and bacterial endotoxins.
- Designed to clean and disinfect surfaces and equipment.



Item Code	Description	Unit
BSPSTE70/R	Ethanol denatured alcohol 70% sterile 500mL	6pcs
BSPSTI70	Isopropyl alcohol 70% sterile 500mL	6pcs

## Thermo Scientific™ atmosphere generation systems

We offer a range of Thermo Scientific™ atmosphere generation systems which are highly innovative products designed to safely, efficiently and accurately create optimum conditions for the growth of anaerobic (Anaerogen), microaerophilic (CampyGen) and CO<sup>2</sup> dependent organisms (CO2Gen).

- No catalyst.
- No addition of water.
- No build up of pressure.



Item Code	Description	Unit
AN0025A	AnaeroGen 2.5 litre	10pcs
AN0025S	AnaeroGen Sachets 2.5 Litre Bulk	400pcs
CN0025A	CampyGen Sachets 2.5 Litre	10pcs
AN0035A	AnaeroGen Sachets 3.5 Litre	10pcs
CN0035A	Campygen Sachets 3.5 Litre	10pcs
CD0025A	CO2Gen Sachets 2.5 Litre	10pcs
AN0010C	AnaeroGen Compact, sachets and pouches	10pcs
AG0025A	AnaeroJar 2.5 Litre, holds up to 12 plates	EA
AB0025A	Anaerobic 2.5 Litre Rectangular Jar (12 plates)	EA

## LabServ and Thermo Scientific serological pipettes



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 Code	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
NUN170358N	50mL PS individually wrapped paper pack, PET filter, sterile	100pcs
NUN170369N	50mL PS individually wrapped plastic pack, PET filter, sterile	100pcs
NUN170376N	50mL PS bulk pack of 25pcs per pack, PET filter, sterile	100pcs

## LabServ and Thermo Scientific centrifuge tubes (conical)



Item Code	Description	Unit
LBSCN8CT15	Tube centrifuge PP 15mL conical sterile	25pcs
LBSCN8CT50	Tube centrifuge PP 50mL conical sterile	25pcs
LBSCN8CT15-PF	Tube centrifuge PP 15mL sterile DNase RNase free	25pcs
LBSCN8CT50-PF	Tube centrifuge PP 50mL sterile DNase RNase free	25pcs
NUN339650	15mL conical centrifuge tube PP sterile bulk pack	500pcs
NUN339652	50mL conical centrifuge tube PP sterile bulk pack	500pcs

## Thermo Scientific™ microcentrifuge tubes

Thermo Scientific™ QSP microcentrifuge tubes are certified Rnase/Dnase, DNA & Pyrogen free. Available in various sizes.

Item Code	Description	Unit
QSP502-GRD	0.6mL, natural, graduated with flat cap, non-sterile	1000pcs
QSP509-GRD	1.5mL, natural, graduated with flat cap, non-sterile	500pcs
QSP508-GRD	2.0mL, natural, graduated with flat cap, non-sterile	500pcs



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



## Thermo Scientific wash bottles - GHS labelled

Thermo Scientific Nalgene "Right to Understand" wash bottles are labelled with new Globally Harmonized System (GHS) icons and cautions.

Item	Description	Unit
NAL2428-0502	500mL Ethanol, LDPE, white closure	6pcs
NAL2428-0503	500mL Methanol, LDPE, green closure	6pcs
NAL2428-0504	500mL Isopropanol, LDPE, yellow closure	6pcs
NAL2428-0505	500mL Distilled Water, LDPE, natural closure	6pcs
NAL2428-0506	500mL Sodium Hypochlorite, LDPE, White closure	6pcs
NAL2428-0507	500mL Deionised Water, LDPE, natural closure	6pcs



## Thermo Scientific Finnpiquette bottle top dispensers for aqueous solutions

Dose liquids from reagent bottles with Thermo Scientific™ Finnpiquette™ dispensers.

Item Code	Description	Unit
FNP4421120	Finnpiquette Dispenser bottle top 0.2-1mL	EA
FNP4421130	Finnpiquette Dispenser bottle top 0.4-2mL	EA
FNP4421140	Finnpiquette Dispenser bottle top 1-5mL	EA
FNP4421150	Finnpiquette Dispenser bottle top 2-10mL	EA
FNP4421160	Finnpiquette Dispenser bottle top 5-30mL	EA
FNP4421170	Finnpiquette Dispenser bottle top 10-60mL	EA
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
GRF101.080-56	Dispenser bottle top 60-300mL Optifix basic	EA



## Thermo Scientific™ polypropylene measuring cylinders

Moulded graduations, hexagonal base.

Item Code	Description	Unit
NAL3664-0050	Cylinder measuring 50mL PP, graduated	EA
NAL3664-0100	Cylinder measuring 100mL PP, graduated	EA
NAL3664-0250	Cylinder measuring 250mL PP, graduated	EA
NAL3664-0500	Cylinder measuring 500mL PP, graduated	EA
NAL3664-1000	Cylinder measuring 1000mL PP, graduated	EA





## Thermo Scientific Finnpiquette pipettes

Choose from a range of volumes from the Thermo Scientific™ Finnpiquette™ single channel manual pipettes. Achieve the best results in your lab with exceptional ergonomics while excelling at accuracy and precision. Thermo Scientific Finnpiquette F1 has a patented soft-touch tip ejection, adjustable finger rest, and a better grip with a secure volume lock.



Item Code	Description	Unit
FNP4641010N	Finnpiquette F1 0.2-2µL manual pipettor	EA
FNP4641020N	Finnpiquette F1 0.5-5µL manual pipettor	EA
FNP4641040N	Finnpiquette F1 1-10µL manual pipettor	EA
FNP4641060N	Finnpiquette F1 2-20µL manual pipettor	EA
FNP4641140N	Finnpiquette F1 5-50µL manual pipettor	EA
FNP4641070N	Finnpiquette F1 10-100µL manual pipettor	EA
FNP4641080N	Finnpiquette F1 20-200µL manual pipettor	EA
FNP4641090N	Finnpiquette F1 30-300µL manual pipettor	EA
FNP4641100N	Finnpiquette F1 100-1000µL manual pipettor	EA
FNP4641110N	Finnpiquette F1 0.5-5mL manual pipettor	EA
FNP4641120N	Finnpiquette F1 1-10mL manual pipettor	EA
FNP4700850N	F1 GLP Kit 1 with three pipettors contains 1 x 1-10µL, 1 x 10-100µL, 1 x 100-1000µL	EA
FNP4700860N	F1 GLP Kit 2 with four pipettors contains 1 x 0.2-2µL, 1 x 2-20µL, 1 x 20-200µL, 1 x 100-1000µL	EA
FNP4700865N	F1 GLP Kit 3 with three pipettors contains 1 x 10-100µL, 1 x 100-1000µL, 1 x 1000-10000µL	EA
FNP4701060N	F1 GLP Kit 4 with three pipettors contains 1 x 2-20µL, 1 x 20-200µL, 1 x 100-1000µL	EA

## Thermo Scientific pipette controllers

Thermo Scientific™ pipette controllers include table stand, wall mount, 1mL pipette stabiliser, universal charging transformer.

Item Code	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



## Thermo Scientific transfer pipettes

Unbreakable all-in-one pipettes eliminate the hazards of broken glass and exposure to infectious materials. The entire unit is disposable therefore preventing cross-contamination of samples and reducing airborne contamination to personnel. These pipettes work well in any laboratory where there is a need for the quick safe transfer of fluids.

Item Code	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



## Thermo Scientific pipette tips

Item Code	Description	Unit
FNP94300120	Pipette tip yellow 0.2-200µL bulk	1000pcs
QSP110	Pipette tip 1-200µL yellow bulk	1000pcs
FNP94300220	Pipette tip blue 100-1000µl	1000pcs
QSP111	Pipette tip 100-1000µL blue bulk	1000pcs
QSP090	Pipette tip 1-5mL white bulk fits Oxford/Gilson	250pcs
QSP095	Pipette tip 1-5mL natural bulk	250pcs
QSP096	Pipette tip 5mL natural fits Biohit®/Genex®/Eppendorf®	250pcs
QSP097	Pipette tip 1-10mL natural bulk fits Gilson	200pcs
FNP9402151	Finntip 10mL 1 - 10 mL natural	100pcs



## Thermo Scientific Finnpiquette F2

Thermo Scientific™ Finnpiquette™ F2 is fully autoclavable and has an easy-to-read large display with simple volume adjustment which will not move off set volume during operation.

Item Code	Description	Unit
FNP4642030	Finnpiquette F2 pipette 1-10µL	EA
FNP4642060	Finnpiquette F2 pipette 2-20µL	EA
FNP4642080	Finnpiquette F2 pipette 20-200µL	EA
FNP4642090	Finnpiquette F2 pipette 100-1000µL	EA
FNP4642100	Finnpiquette F2 pipette 0.5-5mL	EA
FNP4642110	Finnpiquette F2 pipette 1-10mL	EA

## Thermo Scientific ClipTip pipette family

Breakthrough Thermo Scientific™ ClipTip™ technology makes daily pipetting a totally new experience.

- Ergonomically designed to easily attach and remove tip.
- Tip will lock on to the pipette and will not fall off during operation.
- Adjustable finger rest for comfort and ambidextrous people.
- Easy to read large display.

Item Code	Description	Unit
FNP4641170N	Finnpiquette F1 1-10µL	EA
FNP4641180N	Finnpiquette F1 2-20µL	EA
FNP4641210N	Finnpiquette F1 20-200µL	EA
FNP4641230N	Finnpiquette F1 100-1000µL	EA
FNP4670020	E1 ClipTip electronic pipette single channel 2-125µL	EA
FNP4670030	E1 ClipTip electronic pipette single channel 30-300µL	EA
FNP4670040	E1 ClipTip electronic pipette single channel 15-1250µL	EA
FNP94410210	ClipTip 20 non sterile racked 20µL	EA
FNP94410310	ClipTip 200 non sterile 200µL	EA
FNP94410510	ClipTip 300 non sterile 300µL	EA
FNP94410710	ClipTip 1000 non sterile 1000µL	EA

## Sartorius Combisart Multibranch Systems

Sartorius™ Combisart™ Multibranch Systems provide sterile venting of every filter station.

- Ready-to-use units, including Microsart® filter and Microsart 100 mL or 250 mL funnel.
- Flammable units such as stainless steel funnels for colony counting.
- Autoclavable polycarbonate and glass filter holders.

Item Code	Description	Unit
SAT16844	Combisart 1-branch manifold	EA
SAT16842	Combisart 3-branch manifold	EA
SAT16843	Combisart 6-branch manifold	EA



## Sartorius Microsart @filter

Ready-to-use, sterile Sartorius™ Microsart® @filter units combine a funnel, a filter base and a gridded membrane filter in one unit. They have been specifically developed for the detection and enumeration of microorganisms in pharmaceuticals, cosmetics, food, beverages, water and other liquids.

Item Code	Description	Unit
SAT16D0110H6BL	Microsart @filter 100ml	60 pcs
SAT16D0125H6BK	Microsart @filter 250 ml	48 pcs
SAT1ZSFK0007	Lids for Microsart @filter, 100 & 250 mL	100 pcs



## Sartorius Microsart e.jet fluid pump

Sartorius™ Microsart® e.jet fluid pumps use state-of-the-art technology making robustness one of their best features. Whether you would like to use a vacuum flask or prefer a flask-free solution (Microsart e.jet), Sartorius pumps will answer all your needs and help you save space without compromising on performance.

Item Code	Description	Unit
SAT166MP-4	Microsart e.jet fluid pump 4 L/min	EA



## Sartorius Cellulose Nitrate (CN) membrane filter

Sartorius™ Cellulose Nitrate (CN) membrane filters for colony counting, particle testing, microscopy and sterility testing.

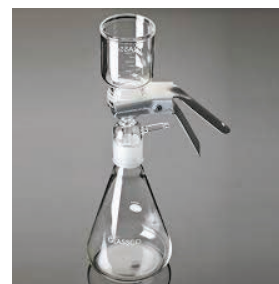


Item Code	Description	Unit
SAT114H6Z47SCM	Filter membrane CN 0.45 µm 47 mm (Suitable for dispensers)	300 pcs
SAT1140647ACR	Filter membrane CN 0.45µm 47 mm	1000 pcs

## Glassco filter assembly

- Filter assembly for aqueous, organic or corrosive liquids.
- Borosilicate glass funnel, base and tubulated cap with anodized aluminium spring clamp and fritted glass filter support.

Item Code	Description	Unit
GLS258.202.01	Membrane filter assembly 47 mm with 300 mL funnel. 47 mm clamp & 1000 mL filtering flask	EA





## 3M Clean-Trace hygiene monitoring system

3M™ Clean-Trace™ hygiene monitoring systems uses a simple 3-step process, with results in less than 30 seconds.

- A rapid, simple and reliable solution to monitor biological contamination on surfaces and in water in real time.
- Excellent sensitivity and superior repeatability.
- Powerful and flexible software.
- Rapid results and easy to use.



Item Code	Description	Unit
3MLM1	Clean-Trace LM1 Luminometer	EA
3MUXL100	Clean-Trace Surface ATP Swabs	100pcs
3MAQT200	Clean-Trace Water Total ATP Swabs	100pcs
3MPR0100	Clean-Trace Surface Protein Plus Swabs	100pcs
3MALLTEC60	Clean-Trace Surface Protein Allergen	60pcs
3MCIT50	Clean-Trace Surface Protein Instant Swabs	50pcs

## 3M Petrifilm plates and reader

A plate for almost any kind of count.

- Inoculate. 3M™ Petrifilm™ plates are sample-ready and easily inoculated. No media preparation required.
- Incubate. A compact incubator is all you need with 3M Petrifilm plates.
- Interpret. Simply count the colonies manually or with the 3M Petrifilm plate reader.



The 3M Petrifilm plate reader is a compact desktop unit designed for fast, automated reading and recording of plate counts.

Item Code	Description	Unit
3M6400	Petrifilm Aerobic Count Plates	100pcs
3M6406	Petrifilm Aerobic Count Plates	1000pcs
3M6404	Petrifilm E.Coli / Coliform Count Plates	50pcs
3M6414	Petrifilm E.Coli / Coliform Count Plates	500pcs
3M6407	Petrifilm Yeast and Mould Count Plates	100pcs
3M6417	Petrifilm Yeast and Mould Count Plates	1000pcs
3M6420	Petrifilm Enterobacteriaceae Count Plates	50pcs
3M6421	Petrifilm Enterobacteriaceae Count Plates	1000pcs
3M6461	Petrifilm Lactic Acid Count Plates	50pcs
3M6462	Petrifilm Lactic Acid Count Plates	500pcs
3M6499	Petrifilm Plate Reader	EA

## ELISA Systems allergen assays

Ensure compliance with food product labeling requirements with ELISA Systems™ food allergen test kits. The comprehensive range of enzyme-linked immunosorbent assays (ELISA) is designed to detect and quantify the presence of specific proteins or residues in food products and environmental samples.

- A rapid, simple and reliable solution to monitor biological contamination on surfaces and in water in real time.
- Excellent sensitivity and superior repeatability.
- Rapid results.
- Easy to use.

Allergen	Item Code	Description	Unit
Almond	ESARD-48	Almond Allergen Kit	48 tests
Beta-Lactoglobulin	ESMRDBLG-48	Milk Allergen Kit	48 tests
Buckwheat	ESBWPRD-48	Buckwheat Allergen kit	48 tests
Casein	ESCASPRD	Casein Allergen Kit	48 tests
Crustacean	ESCRURD-48	Crustacean Allergen Kit	48 tests
Egg	ESEGG-48 / ESERD-48	Egg Allergen Kit	48 tests
Gliadin	ESGLISS-48 / ESGLI-48	Enhanced Gliadin kit	48 tests
Hazelnut	ESHRD-48	Hazelnut Allergen Kit	48 tests
Lupin	ESLFP-48	Lupin Allergen Kit	48 tests
Milk	ESTMLK-48	Total Milk Residue	48 tests
Mustard Seed	ESMUS	Mustard Allergen Kit	48 tests
Peanut	ESPRDT-48 / ESPRDTCON / ESPRDS-48	Peanut Allergen Kit	48 tests
Sesame Seed	ESSESRD	Sesame Allergen Kit	48 tests
Soy	ESSOYPRD-48	Soy Allergen Kit	48 tests

## IUL SphereFlash automatic colony counter

IUL SphereFlash® automatic colony counter and inhibition halos measurement.

- Reflection-free illumination.
- Easy and intuitive yet powerful software.
- Audit trail. Security-relevant chronological set of records.
- Customisable result reports.
- High-throughput.



Item Code	Description	Unit
IUL90007000	SphereFlash® Colony Counter	EA
IUL90007001	Colony PRO software	EA
IUL90007002	Haloes PRO software	EA

## Thermo Scientific™ Oxoid™ culture media

We offer a wide range of Thermo Scientific™ Oxoid™ dehydrated and ready-to-use media.

- Dehydrated culture media - general purpose, enrichment, selective and differential media, diluents and supplements.
- Ready poured plates - our quality assured, ready-to-use media, made using Oxoid dehydrated culture media, eliminates the time consuming processes of in-house media preparation and quality control. This includes the Thermo Scientific™ Brilliance™ range of chromogenic media for rapid reliable detection and differentiation of food pathogens.
- Bottled media - general purpose and specialist media: diluents, water and peptones available in a variety of bottle types.
- Bagged media - Thermo Scientific™ FitBag™, QuickBag™ and Dry-Bags™ bagged media offer maximum convenience for laboratories using large volumes of media. Just add water to produce 2.7 to 20L of ready-to-use media. Our range includes buffered peptone water, maximum recovery diluent and half fraser broth.



## Thermo Scientific environmental flexi swabs

The Thermo Scientific™ environmental flexi swab is designed for swabbing all types of surfaces within the food, dairy and beverage industries. It has a unique transport system ensuring viability of microorganisms during transport and its large sample head allows for enhanced recovery compared to cotton-tipped swabs.

- User-friendly sample label.
- Tamper-evident seal ensures sterility and integrity.
- Pre-moistened swab with specially formulated diluent and neutraliser.
- Large sample head and large gripped sample handle.
- Long flexible shaft (150mm) for hard to reach sites.
- Fitted with unique 'O' ring to ensure containment of sample during transport and storage.
- Pre-enrichment and incubation can be performed in environmental flexi swab transport tube.



Item Code	Description	Unit
TM4222	Environmental Flexi Swab sterile	100pcs

## Thermo Scientific Oxoid quality control organisms

Thermo Scientific™ Oxoid Culti-Loops® enable standardised cultures for quality control testing to be prepared quickly, easily and safely. These ready to use, disposable bacteriological loops contain stabilised viable micro-organisms. Each loop is individually packaged in a foil pouch, and each pack contains five loops.

- ATCC derived.
- Reliable and consistent.
- Quick, safe and easy.
- Quality assured.



Item Code	Description	Unit
R4601202	G. steartothermophilus ATCC 10149	5pcs
R4601220	B. cereus ATCC 11778	5pcs
R4601971	E. coli ATCC 35218 5pcs	5pcs
R4607065	P. aeruginosa ATCC 10145	5pcs
R4609321	S. aureus ATCC 9144	5pcs

## Thermo Scientific food molecular detection and quantification

Thermo Scientific™ food molecular detection and quantification systems detect and quantify food quality indicators, spoilage organisms and bacterial foodborne pathogens in a broad range of food samples with a wide choice of traditional as well as real-time PCR assays. Solutions can be tailored to your needs—from a simple, complete rapid pathogen detection system to the components to build custom solutions for your unique requirements. Whether your food testing laboratory is looking to introduce PCR technology for the first time or you want to expand the test services you offer, we can help you find the right solution.

Validated pathogen detection assays:

- Thermo Scientific™ SureTect™
- Hygiena™ BAX® Systems
- Thermo Scientific™ MicroSEQ™
- Thermo Scientific™ RapidFinder™

AOAC and AFNOR approved pathogen assays:

- Salmonella
- Listeria species
- Listeria mono
- E.coli O157:H7
- Cronobacter
- Other targets include pathogen serotypes, meat species , GMO's and viruses.



## TECTA B16 automated microbiology detection system - water

Tecta™ B16 is fully automated and can provide E. Coli, total coliform, faecal coliforms, or enterococci results in 2-18 hours, depending on the level of contamination. With the integrated networking capabilities, the TECTA B16 will provide immediate notification.







# Power up your screening

## Three Salmonella targets — one rapid PCR test

Thermo Scientific™ RapidFinder™ Salmonella Species, Typhimurium and Enteritidis Multiplex PCR Kit



**Speed:** Detect and identify Salmonella species, Typhimurium, and Enteritidis in under 16 hours



**Simplicity:** Simple sample preparation step provides scalability to higher-throughput and sample volumes



**Accuracy:** Applied Biosystems™ TaqMan™-based qPCR technology for sensitivity, specificity and reliability

Take a closer look at [thermofisher.co.nz](https://thermofisher.co.nz)

**ThermoFisher**  
SCIENTIFIC



## Bellingham + Stanley portable OPTi refractometer

A conveniently hand-held refractometer to rapidly measure concentrations.

- Half or full brix range.
- Single and duo scale models.
- Over 40 different scale types.
- Brix or scale specific ATC.
- Temperature display (°C/F).
- Zero calibrate with water.
- Unique “AG Fluid Test Mode.”
- ICUMSA TC.
- User TC.
- Zero/span calibration.
- Time delay.
- Precise digital LCD readout.
- Ergonomic IP65 rated design.
- Shallow stainless steel prism dish.
- Rapid temperature stabilisation.
- Durable silicon rubber keypad.
- Certificate of calibration.



Code	Type	Scale	Range	Resolution	Accuracy	ATC
BLS38-02	Brix 54	Sugar % °Brix)	0-54	0.1	±0.2	Bx
BLS38-19	Brix 54 NTC	Sugar % (°Brix)	0-54	0.1	±0.2	NONE
BLS38-04	Jam 75	Sugar % (°Brix)	20-75	0.1	±0.2	Bx
BLS38-33	Hi Brix 40-95	Sugar % (°Brix)	40-95	0.1	±0.2	Bx
BLS38-34	Hi Brix 85	Sugar % (°Brix)	0-85	0.1	±0.2	Bx
BLS38-05	Hi Brix 95	Sugar % (°Brix)	40-95	0.1	±0.2	Bx
BLS38-18	Hi Brix 95 NTC	Sugar % (°Brix)	40-95	0.1	±0.2	NONE
BLS38-A1	Brix 95+	Sugar % (°Brix)	0-95	0.1	±0.2	Bx
BLS38-B8	Brix 95+ NTC	Sugar % (°Brix)	0-95	0.1	±0.2	NONE
BLS38-06	Honey	Water in Honey %	10-30	0.1	±0.2	Honey
BLS38-07	Hi HFCS 42	42 HFCS	40-95	0.1	±0.2	Bx
BLS38-08	Hi HFCS 55	55 HFCS	40-95	0.1	±0.2	Bx
BLS38-09	Hi HFCS 90	90 HFCS	40-95	0.1	±0.2	Bx
BLS38-H1	HFCS 42+	42 HFCS	0-95	0.1	±0.2	Bx
BLS38-H2	HFCS 55+	55 HFCS	0-95	0.1	±0.2	Bx
BLS38-H3	HFCS 90+	90 HFCS	0-95	0.1	±0.2	Bx
BLS38-20	RI 1.42	Refractive Index (RI)	1.33-1.42	0.0001	±0.0003	Bx
BLS38-16	Hi RI 1.54 NTC	Refractive Index (RI)	1.42-1.54	0.0001	±0.0003	NONE
BLS38-32	Hi RI 1.54	Refractive Index (RI)	1.42-1.54	0.0001	±0.0003	Bx
BLS38-A2	RI 1.54+	Refractive Index (RI)	1.33-1.54	0.0001	±0.0003	Bx
BLS38-B9	RI 1.54+ NTC	Refractive Index (RI)	1.33-1.54	0.0001	±0.0003	NONE
BLS38-22	Starch 30	Starch %	0-30	0.1	±0.2	Bx
BLS38-25	Seawater SG	Seawater SG	1.000-1.090	0.0005	±0.001	NaCl
BLS38-26	Seawater PPT	Seawater PPT	0-180	1	±1	NaCl
BLS38-27	Wort SG	Wort SG (Sucrose equivalent)	1.000-1.120	0.0005	±0.001	Bx
BLS38-28	Saline 28	Salinity (% NaCl)	0-28	0.1	±0.2	NaCl

## Bellingham + Stanley RFM 300 series refractometers

A benchtop refractometer with extremely rapid, accurate and reliable measurements.

- A wide measuring range up to 1.70 RI.
- New 7" touch-screen user interface.
- High accuracy (+/- 0.01 o Brix).
- Easy to clean prism.
- Smart temperature stability.
- Print to secure PDF.
- Supports FDA regulation CFR.



Item Code	Description	Unit
BLS19-40	Refractometer Touch Screen Model	EA
BLS19-00	Model RFM712-M 0-54 Brix 0.1 Brix resolution	EA
BLS19-10	Model RFM732-M 0-100 Brix 0.1 Brix	EA
BLS19-20	Model RFM742-M 0-100 Brix 0.01 Resolution	EA

## Brookfield rheometer model RST

- Controlled shear stress and controlled shear rate.
- Full rheological profiling.
- Wide measuring range (depending on the spindles selected).

Item Code	Description	Unit
BRORSTCCNNNNN1N	Rheometer RST Coaxial Spindle	EA



## Brookfield viscometer

A versatile instrument that allows wide range of viscosities measurements.

- Compatible with a wide variety of accessories to measure viscosities from water to semi-solids.
- Storage of methods and data either internally or on USB device.
- Easy to use touch screen for access to a large variety of functions.
- 200 speeds for extensive rheological evaluation.
- Complete with set of spindles, carrying case and laboratory stand.



Item Code	Description	Unit
BRORVDV2T	Brookfield Model RVDV2T viscometer	EA

## Fisher Scientific Traceable Lollipop shock/water resistant thermometers

For temperature readings you can rely on, choose Fisher Scientific™ Traceable™ Lollipop™ shock/water resistant thermometers.

- Water resistant and ideal for wet applications.
- Stainless steel probe is 203 mm long and shock resistant eliminating glass breakage concerns.
- Each thermometer is individually serialised, calibrated and certified traceable to NIST.



Item Code	Description	Unit
FSH14-648-44	Lollipop thermometer -50 to 300°C range 0.1°C resolution and $\pm 1^\circ\text{C}$ accuracy	EA
FSH06-664-27	Ultra lollipop thermometer -50 to 300°C range 0.1°C resolution and $\pm 0.4^\circ\text{C}$ accuracy	EA

## Fisher Scientific™ Traceable™ waterproof food thermometers

For extra versatility in food data collection, choose Fisher Scientific™ Traceable™ waterproof food thermometers.

- Piercing tip stainless steel probe makes it ideal for food labs, food processing, food preparation, and brewing.
- Unique holder allows probe to be positioned at any height while attached to beakers, cylinders, or vats.
- Each thermometer is individually serialised, calibrated and certified traceable to NIST.



Item Code	Description	Unit
FSH14-649-100	Food thermometer -50 to 300°C range 0.1°C resolution and $\pm 1.5^\circ\text{C}$ accuracy	EA
FSH14-649-101	Ultra food thermometer -50 to 300°C range 0.1°C resolution and $\pm 0.4^\circ\text{C}$ accuracy	EA

## Funke Gerber jolting volumeter

Standardised measurement of tapped density of powdered, granular and flaky material.

- Compliant with ISO8967 & IDF134 (milk powder), USP<616> (pharmaceutical) and ISO8460 (instant coffee) standards.
- Easy handling with a clearly arranged operation interface.
- Used in measuring the amount of settlement during transit to determine optimum packaging volumes for powders, granules and similar products.



Item Code	Description	Unit
FG7700	Jolting Volumeter with 250 mL measuring cylinder	EA

## Funke Gerber LactoFlash

Analytical instrument for fast and accurate determination of fat and solid non fat (SNF) content.

- Sample capacity of up to 120/h with sample volume 12 to 20 mL.
- User friendly display and interface.
- Easy to calibrate.
- The pump head can be replaced easily without the use of tools.



Item Code	Description	Unit
FG3530	LactoFlash milk analyser	EA

## Endecotts sieves

Individually manufactured under the most stringent quality control procedures, Endecotts sieves offer a degree of quality and accuracy second to none.

- Available in a wide range of sizes and also can be produced to order.
- Precise apertures in accordance with ISO 3310 and ASTM standards.
- Precision frames ensuring consistent nestability.
- Evenly tensioned mesh ensuring accurate analysis.
- Manufactured in accordance with ISO BS EN 9001 (QMAS).
- Certificate of Compliance supplied with every test sieve.



## Konica Minolta CM-5 spectrophotometer

Advanced colour spectrophotometry capabilities in a compact and easy to use format.

- Full data analysis and interpretation software eliminates the need for a separate computer.
- Ability to designate pass/fail thresholds.
- Can display pass/fail information.
- Accessories allow for measuring of samples in many formats e.g. pellets, solids, gelatin and liquids.
- Able to store and recall settings for multiple users.
- Ability to connect to a computer if needed.



Item Code	Description	Unit
MINA168-129	CM-5 Spectrophotometer	EA

## Konica Minolta CR-20 colour meter

An affordable hand-held colour meter, that offers accurate and reliable colour measurements of solids, pastes and powders.

- Lightweight, compact and easy to use.
- Can measure colour and whiteness.
- Usable on solids, pastes and powders.
- Printer friendly and USB connectivity.
- Protective glass cap allows for readings from wet objects.
- Averaging function - ideal for uneven colour objects requiring multiple readings.
- Can display measurement data in any of eight colour spaces.



Item Code	Description	Unit
MINA80F-217	Minolta Colour Reader CR-20 with wrist strap and soft case	EA

## Konica Minolta CR-400 colour meter

The benchmark portable colour meter where the convenience of a pure L\*A\*B instrument is needed.

- Able to perform QC applications such as colour difference.
- Customisable colour calculation formulas allows for readings to be displayed in industry specific standards.
- Can display pass/fail information.
- Able to store up to 1000 measurements.
- Easy to use and compatible with SpectraMagic NX software.
- Lightweight, compact and can be operated by battery or AC power.
- Accessories available to measure liquids, pastes, powders and granular materials.



Item Code	Description	Unit
MIN1878-824	CR-400 with 8 mm measurement area	EA
MIN1878-844	CR-410 with 50 mm measurement area	EA

## Sartorius infrared moisture analyser

The Sartorius™ infrared moisture analyser provides accurate analysis of moisture content in a fast, reliable, compact and user friendly unit.

- High performance infrared heating results in reduced measuring time.
- The “BetterClean” design allows for easy cleaning of instrument parts. (heating module and chamber plate are removable and dishwasher safe).
- Fast Results: analysis time of 40–120 seconds (depending on sample moisture).
- The highly visible status light and the intuitive and touch screen user interface makes for convenient operation.
- Automatic endpoint determination recognises when the sample is completely dry and does the final weighing.
- Built-in analytical weighing system with 70 g capacity and 0.1 mg resolution.
- Mini USB and, automatic printer detection and direct transfer to Microsoft programs enables easy data transfer.



Item Code	Description	Unit
SARMA37-1	Infrared Moisture Analyser	EA



## Sartorius microwave moisture analyser

The Sartorius™ microwave moisture analyser provides highly accurate analysis of moisture content in under 2 minutes. Moisture analysis is based on the loss-on-drying principle producing exceptionally fast and accurate measurements resulting in significant time saving and increased efficiency.

- Can be used for liquid and pasty samples with moisture content of 8 – 100%
- Fast results: analysis time of 40–120 seconds (depending on sample moisture).
- Easy two-key operation in routine mode.
- Automatic endpoint determination recognises when the sample is completely dry and does the final weighing.
- Built-in analytical weighing system with 70 g capacity and 0.1 mg resolution.
- Data conversion function enabling comparison of results with data from the vacuum oven method drying method.



Item Code	Description	Unit
SARMA200PM	Microwave Moisture Analyser	EA

## Novasina water activity meters

Take the risk out of food manufacturing and reduce the risk of product recalls

Unwanted bacterial or fungal growth poses a health hazard and risk to profit and reputation. Novasina water activity meters can minimise this risk by ensuring your food samples are at an acceptable water activity level. In addition Novasina water activity meters may help compliance with overseas export regulations.

- Load raw sample, close lid, obtain value.
- Set “pass or fail” parameters for samples with LabTouch and LabMaster-Neo models.
- Fast user calibration procedure with reusable standards.
- Exportable results for QC Managers.
- From low to high water content foods.
- LabTouch and LabMaster-Neo manages temperature to ensure accurate reporting of sensitive samples.

## VELP Scientifica raw fibre analysers

FIWE units are suitable for the crude fibre analysis and detergent fibre extraction according to official standard methods

- High performance: rapid analysis, reliable results with high reproducibility.
- Multiple test methods including total raw fibre extraction, neutral and acid detergent fibre, acid detergent lignin extraction and fiber fraction analysis.
- Perform single or multiple extractions including boiling, rinsing and filtration steps with no sample transfer for the maximum reproducibility available.
- Combine with COEX for rapid fat cold extraction before fibre analysis.



Item Code	Description	Unit
VELF30520201	FIWE3 3 position raw fibre extractor	EA
VELF30520200	FIWE6 6 position raw fibre extractor	EA
VELF30520204	COEX cold extractor	EA

## Hach Turbidimeters

Turbidity is utilised as a measure of the relative clarity of water. A sudden change in turbidity may indicate an additional pollution source (biological, organic or inorganic) or may signal a problem in the water treatment process. Hach® offer a range of quality benchtop turbidimeters for a range of food and beverage water analysis applications.

Item Code	Description	Unit
HACLPV444.99.00210	Hach TL2300 EPA 0 to 4000 NTU benchtop white light turbidimeter	EA
HACLPV444.99.00120	Hach TL2310 ISO 0 to 1000 NTU benchtop IR turbidimeter	EA
HACLPV444.99.00310	Hach TL2350 EPA 0 to 10,000 NTU benchtop white light turbidimeter	EA
HACLPV444.99.00320	TL2360 ISO 0 to 10,000 NTU benchtop IR turbidimeter	

## Lovibond EComparator colour measurement series

The Lovibond® EComparator series provides an easy way to transition from subjective visual measurement to a non-subjective, accurate electronic measurement.

Item Code	Description	Unit
TIN162010	Ecomparator EC 2000 for Pt-Co portable colour	EA
TIN162020	Ecomparator EC 2000 for Gardner portable colour	EA
TIN163010	Ecomparator EC 3000 for ASTM portable colour	EA
TIN163020	Ecomparator EC 3000 for Saybolt portable colour	EA

## Fisher Scientific accumet meters

From basic to advanced measurements accumet has a high quality and accurate meter to meet your needs.

When reliability and consistency matter Fisher Scientific™ accumet™ meters offer advanced features and simple operation to meet every application and budget.



### accumet AB and AE basic benchtop series

For basic and essential measurements (pH & ion concentration) in everyday lab activities, the AB and newly designed AE series offer outstanding value with highly accurate and consistent measurements. As laboratory workhorses these models can meet the needs of most customers.

- Compatible with hundreds of BNC electrodes and probes
- Can be purchased as stand-alone meters or kits
- All kits come with Tris compatible pH and ATC probes
- Adjustable backlit graphic screen customisable to display date, time, stability, alarms, pH slope and offset display
- Option to attach one stirrer probe to save time, money and bench space
- NIST – traceable calibration can also be ordered at additional cost
- 3 year market leading warranty backed by Fisher Scientific

### accumet XL advanced benchtop series

Offering a range of advanced measurements such as pH, ion concentration, conductivity, salinity, dissolved oxygen and resistivity the XL series are designed to meet the most sophisticated needs of any laboratory.

Includes all the features of the AB and AE series, plus:

- Vivid colour touch screen display that can be customised to show a combination of parameters
- Expanded memory to store 2000 datasets per user ID (up to 10 password protected user ID accounts) with date/time stamp and the option to connect up to two stirrer probes
- RS232, USB and ethernet connectivity allows for connection to local area network (LAN) and a printer

## Thermo Scientific Orion electrochemistry meters

### The measure of confidence

Proven meters for pH, ion concentration with ISE, conductivity, dissolved oxygen and temperature analysis - in the lab and in the field.

High quality meters are essential to the critical routine tasks you perform every day. We offer simple, complete systems that are seamlessly integrated to solve your measurement needs.

Our extensive, proven portfolio of Thermo Scientific™ Orion™ benchtop and portable meters delivers exactly what you expect

- Accurate, consistent results - day after day.
- Easy-to-use features that maximise productivity and minimise training time.
- A wide selection of benchtop and portable meters meet your specific application requirements.
- Durable construction for long product life.
- Modular meter design for maximum configuration flexibility and functional expandability to meet your evolving requirements.
- Our complementary family of leadership Thermo Scientific ROSS electrodes offering a complete solution with total confidence.



Item Code	Description	Unit
ORISTARA2115W	Benchtop pH meter with ROSS pH Triode	EA
ORISTARA2125W	Benchtop conductivity meter with electrode	EA
ORISTARA2155W	Benchtop pH / conductivity meter with ROSS pH Triode and conductivity electrode	EA
ORISTARA2215W	Portable pH meter with ROSS pH Triode	EA
ORISTARA3255W	Portable pH/ conductivity meter with ROSS pH Triode and conductivity electrode	EA

## Thermo Scientific Eutech electrochemistry meters

Thermo Scientific™ Eutech™ offers a wide range of pH, conductivity, temperature meters and colorimeters for handheld, laboratory and process applications.

Item Code	Description	Unit
EUT01X541605W	Model pH 700 Benchtop pH meter with gel electrode and temperature probe	EA
EUT01X651630	Model pH 450 Portable pH meter with gel electrode and temperature probe	EA
EUT01X651640	Model PC 450 Portable pH / conductivity meter with gel electrode and conductivity probe	EA
EUT01X298975W	Spear tip gel filled open pore double junction pH electrode	EA
EUT01X211216W	Protein and general cleaning solution for pH electrodes (480mL)	EA

## Bacchus 3 automatic wine analyser (FTIR - UV - VIS)

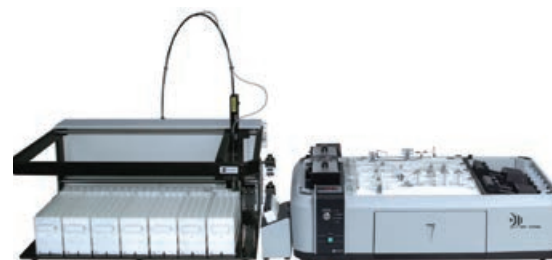
The Bacchus 3 automatic analyser (FTIR - UV - VIS) is the only analyser on the marketplace that provides simultaneously the integral IR, UV and visible absorbance spectra; it is therefore particularly well adapted to cover most wine analysis situations, including; maturity control at reception bay level; must and fermenting must; finished wines (dry, sweet, sparkling, fortified wines).



Item Code	Description	Unit
BACCHUS3	Bacchus3 - Base	EA
BACCHUS3-AUTO	Bacchus3 – Base with Autosampler	EA
BACCHUS3-MULTISPEC	Bacchus3 - UV/Vis spectrometer module (optional)	EA

## Skalar San++ continuous flow analyser for urea analysis in milk

Quality control of raw milk is essential to farmers, to insure the milk produced is of an acceptable quality, and to safeguard against disease in the dairy herd. Only when the herd is healthy it will produce top quality milk, and therefore high standard milk products. The analysis of urea in milk is recognised as a good guide to the health of the herd. This information, received on a regular basis, is vitally important to the profitability of both the farmers and the dairy producers.



Item Code	Description	Unit
Contact us	Skalar San++ Continuous Flow Analyser	EA
Contact us	Skalar SP Series Robotic Analysers	EA
Contact us	Formacs Series Total Organic Carbon & Total Nitrogen Analysers	EA

## Chlorine measurement by the Lovibond MD100 photometer

Lovibond® model MD100 portable photometer measures free and total chlorine using either tablet or powder DPD reagents.

Item Code	Description	Unit
TIN276025	Lovibond MD100 Photometer Duo	EA

## Starna spectrophotometer cells

Starna® is the world's leading manufacturer of quartz and fine glass spectrophotometer cells and precision optical components.

- Optical component production includes standard or customer items for analytical analysis for spectroscopy, fluorimetry and refractometry; from macro to sub-micro volumes; for static, temperature, and/or flow applications.
- Starna is the world leader in the provision of certified reference materials for verification of UV-visible-NIR spectrophotometers.
- All Starna products are manufactured in an environment conforming to the latest ISO 9001:2000 standard.



Item Code	Description	Unit
STA1/G/10/M/2	Cell Type 1 Glass 10mm path matched pair	EA
STA1/G/10	Cell Type 1 Glass 10mm path	EA
STA1/Q/10/M/2	Cell Type 1 Quartz 10mm path matched pair	EA
STA1/Q/2/M/2	Cell Type 1 Quartz 2mm path matched pair	EA

## Thermo Scientific GENESYS 10S spectrophotometers

The Thermo Scientific™ GENESYS™ 10S series of instruments offer excellent value providing robust operation, ease of use, and low cost of ownership. The efficient optical configuration delivers high performance with a minimum number of optical surfaces in a true monochromator design.

- Ideal for routine sample analysis with small footprint and easy-to-use embedded software.
- Automate your analysis with the built-in 6 cell changer.
- Performance verification tests included in the embedded software.
- Power and performance with or without a PC.
- Optional visionlite software makes data collection, storage, export and reporting fast and simple



Item Code	Description	Unit
UNI840-209500	Genesys 10S Vis Single Beam Spectrophotometer includes single cell holder and 6 cell changers 325 -1000nm with scanning capability	EA
UNI840-209700	Genesys 10S UV-Vis Dual Beam Spectrophotometer includes single cell holder and 6 cell changers 190 - 1100nm with scanning capability	EA



## Thermo Scientific food contaminant FTIR microscope analyser

Ensuring quality and safety in foods and beverages requires continuous vigilance. It is essential to identify unexpected components to determine if they are contaminants requiring elimination or acceptable byproducts of the food production process. The Thermo Scientific™ Nicolet™ FTIR microscope is a powerful method for identification of traces of material, such as particulates or oil droplets. The vast majority of analyses involve visible irregularities, setting an approximate lower limit of 25 micron sizes. We present two sets of analyses, one involving liquid filtration and the other examining particulate residues in food items, using a simple-to-operate FTIR microscope and ATR sampling.



Item Code	Description	Unit
Customisable	Nicolet FTIR Microscope	EA

## Thermo Scientific automated photometric analysers

Use Thermo Scientific™ Gallery™ system reagents to simplify colorimetric or enzymatic analysis of different sugars, acids, calcium, copper, magnesium, iron, potassium, protein and lipase in food and beverage samples.



Item Code	Description	Unit
Customisable	Gallery Automated Photometric Analyser	EA
Customisable	Gallery Plus Automated Photometric Analyser	EA
Customisable	Gallery Plus Beermaster Automated Photometric Analyser	EA

## Thermo Scientific gas chromatography systems

Our GC and GC-MS solutions are used by the food and beverage industry to improve manufacturing processes and protect people from harmful contaminants.



Item Code	Description	Unit
Customisable	TRACE 1300 Gas Chromatograph	EA
Customisable	TRACE 1310 Gas Chromatograph	EA

## Thermo Scientific gas chromatography mass spectrometry systems

Achieve unsurpassed matrix selectivity, analytical performance and lab productivity with Thermo Scientific gas chromatography mass spectrometry (GC-MS) systems. Our GC-MS systems enable you to screen for known and unknown contaminants in food. Get fast, sensitive and accurate results, from the most complex food matrices.



Item Code	Description	Unit
Customisable	ISQ LT Single Quadrupole GC-MS System	EA
Customisable	ISQ QD Single Quadrupole GC-MS System	EA
Customisable	TSQ 8000 Evo Triple Quadrupole GC-MS/MS	EA
Customisable	TSQ Duo Triple Quadrupole GC-MS/MS	EA
Customisable	TSQ 8000 Evo GC-MS/MS Pesticide Analyzer	EA
Customisable	Exactive GC Orbitrap GC-MS	EA
Customisable	Q Exactive GC Orbitrap GC-MS/MS	EA

## Thermo Scientific ion chromatography systems

Choose from innovative basic starter-line to highly customisable high-pressure systems, ideal for the analysis of food constituents such as carbohydrates, organic acids, and sugar substitutes.



Item Code	Description	Unit
Customisable	Dionex Integrion HPIC	EA
Customisable	Dionex Aquion System	EA
Customisable	Dionex ICS-4000 Integrated HPIC Capillary System	EA
Customisable	Dionex ICS-5000+ HPIC Standard & Microbore System	EA
Customisable	Dionex ICS-5000+ HPIC Capillary System	EA
Customisable	Dionex ICS-5000+ HPIC Hybrid System	EA
Customisable	Dionex Titration IC System	EA
Customisable	Combustion IC System	EA
Customisable	Single Quadrupole New ISQ EC IC-MS series EA	EA

## Thermo Scientific liquid chromatography mass spectrometry systems

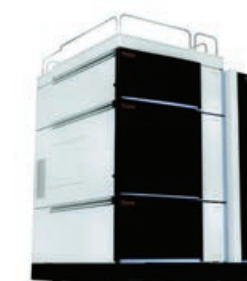
Extend your dynamic range and confidence of quantification to meet your food laboratory's stringent analytical requirements, using our comprehensive set of high-performance LC-MS/MS system solutions including the Thermo Scientific™ Q Exactive™ (Focus) Orbitrap™.



Item Code	Description	Unit
Customisable	Triple Quadrupole LC-MS series	EA
Customisable	Ion Trap LC-MS series	EA
Customisable	Orbitrap LC-MS	EA
Customisable	Single Quadrupole LC-MS series	EA

## Thermo Scientific HPLC and UHPLC systems

Liquid chromatography is used in food analysis for the vast detection of the majority of analytes. We offer the next-generation Thermo Scientific™ Vanquish™ UHPLC system and UltiMate™ 3000 HPLC as well state-of-the-art columns.



Item Code	Description	Unit
Customisable	Vanquish UHPLC Systems	EA
Customisable	UltiMate 3000 HPLC and UHPLC Systems	EA
Customisable	Nano-, capillary-, and micro-flow UHPLC Systems	EA

## Thermo Scientific automated sample preparation systems

Automate solvent extraction, solid-phase extraction and evaporation to reduce time and labor costs while still obtaining more consistent and accurate results. Ideal for vitamins, pesticides, lipids and other food constituents.



Item Code	Description	Unit
Customisable	Accelerated Solvent Extraction Systems	EA
Customisable	Automated Solid Phase Extraction (SPE) Systems	EA
Customisable	Automated Evaporation Systems	EA

## Thermo Scientific trace elemental systems

Measure trace levels of toxic, and essential and nutritional elements in food at ppm to sub-ppt levels using Thermo Scientific ICP-MS products, such as the Thermo Scientific™ iCAP™ RQ ICP-MS compact, bench top system.



Item Code	Description	Unit
Customisable	Thermo Scientific iCE 3400 AA Spectrometer	EA
Customisable	Thermo Scientific iCAP RQ ICP-MS	EA
Customisable	Thermo Scientific iCAP 7400 ICP-OES	EA
Customisable	Thermo Scientific iCAP TQ ICP-MS	EA

## Thermo Scientific isotope ratio mass spectrometry

The measurement of the  $^{18}\text{O}/^{16}\text{O}$  ratio of water is one of the most important applications of isotope ratio mass spectrometry. Authenticity control of wine demands an analytical solution that can provide high precision, high accuracy and high throughput analysis.  $^{18}\text{O}$  isotopic analysis of wine has been a topic of increasing interest, and is now the subject of EU regulation and other countries.



Item Code	Description	Unit
Customisable	Thermo Scientific GasBench II Isotope Ratio Mass Spectrometer (IRMS)	EA

## Thermo Scientific chromatography consumables

We offer a range of innovative chromatography consumables and columns to complement our Thermo Scientific chromatography systems.

Put our latest innovations in ion, gas and liquid chromatography to work in your laboratory. We've focused on developing leading-edge workflow solutions—from sample preparation, chromatographic separation, seamless integration with mass spectrometry, and data management and analysis—to meet today's ever increasing demands for analytical performance, productivity and ease of use.



[thermofisher.com.au/chromatography](http://thermofisher.com.au/chromatography)

# SPeX CertiPrep pesticide residue testing kit

For your convenience, we have designed a SPEX CertiPrep® pesticide residue testing kit which includes 144 of the most commonly analyzed pesticides per EPA, AOAC, FDA, and other international testing methods. The kit is structured to maximise stability and solubility while minimising unwanted analyte interaction and interference; enjoy shorter calibration times, fewer injections and money savings, as compared to purchasing individual pesticide standards.



## Pesticide mixes

- Include 144 of the most commonly analyzed pesticides.
- Designed to maximise stability and solubility, while minimising unwanted interferences.
- Have shorter calibration times and require fewer injections.
- Will save you money - the mixes are less expensive than buying individual certified reference materials.

### Pesticide standards kit

Ideal for a wide range of HPLC, GC, GC/MS, LC, LC/MS and QuEChERS applications.

- Contains 10 multi-compound mixes.
- Total of 144 compounds (in acetonitrile).
- 100 µg/mL concentration.
- Provided in 1 mL ampules; a pre-labeled storage/transfer vial is included.

Item Code	Description	Unit
SPXPR-KIT	Pesticide Kit containing all 10-multi-compound mixes	EA

## SPEX CertiPrep pesticide standards mixes

Build your pesticide library with SPEX CertiPrep pesticide mixes.

- All standard components provided at 100 µg/mL concentration, 1 mL volume.
- CAS numbers available for all compounds.



Item Code	Description
SPXPR-1	Pesticide Mix 1 containing 16 compounds in acetonitrile Contains: Acetamiprid, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Azoxystrobin, Boscalid, Chlorantraniliprole, Fenoxycarb, Imazalil, Imidacloprid, Iprodione, Piperonyl butoxide, Pirimicarb, Tebufenpyrad, Thiacloprid, Trifloxystrobin
SPXPR-2	Pesticide Mix 2 containing 15 compounds in acetonitrile Contains: Azinphos-methyl, Carbophenothion, Coumaphos, Dicrotophos, Dimethoate, Dyfonate (Fonofos), Ethoprophos (Ethoprop), Hexythiazox, Malathion, Methidathion, Phosalone, Phosmet (Imidan), Quinalphos, Terbufos, Triazophos
SPXPR-3	Pesticide Mix 3 containing 15 compounds in acetonitrile Contains: Carbaryl, Dimethomorph, Etofenprox, Etoxazole, Flonicamid, Methamidophos, Monocrotophos, Myclobutanil (Systhane), Phenthoate, Phorate, Pirimiphos-methyl, Profenofos, Propargite (Omite), Spirodiclofen, Thiamethoxam
SPXPR-4	Pesticide Mix 4 containing 15 compounds in acetonitrile Contains: Acephate, Chlorothalonil, Chlorpyrifos, Diazinon, Dichlorvos, Disulfoton, Edifenphos, EPN, Ethion, Ethyl parathion, Fenitrothion, Fenthion, Fipronil, Fludioxonil, Methyl parathion
SPXPR-5	Pesticide Mix 5 containing 14 compounds in acetonitrile Contains: Baygon (Propoxur), Clofentezine, Diuron, Isoproturon, Linuron, Metalaxyl, Methomyl, Oxamyl, Oxydemeton-methyl, Paclobutrazol, Pencycuron, Prochloraz, Pymetrozine, Pyraclostrobin
SPXPR-6	Pesticide Mix 6 containing 15 compounds in acetonitrile Contains: Alachlor, Bentazon, Captan, Chlorpropham, Epoxiconazole, Fenoprop (2, 4, 5-TP), Fenpropathrin (mix of isomers), Fenvalerate (Sanmarton), tau-Fluvalinate, Kresoxim-methyl, Metolachlor, Pendimethalin (Prowl), Pyridaben, Quinoxifen, Quintozene (pentachloronitrobenzene)
SPXPR-7	Pesticide Mix 7 containing 8 compounds in acetonitrile Contains: Bifenthrin, Cyfluthrin (Baythroid), Cypermethrin, Permethrin (mix of isomers), Prallethrin (mix of isomers), Pyrethrins (mix of isomers), Resmethrin (mix of isomers), Tetramethrin
SPXPR-8	Pesticide Mix 8 containing 15 compounds in acetonitrile Contains: Abamectin (mix of isomers), Bifenazate, Bromacil, Fenobucarb (BPMC), Fenpyroximate, Hexaconazole, Isoprocarb (MIPC), Methiocarb, Propazine, Propiconazole (Tilt), Spinetoram (J), Spinosad (as Spinosyn A), Spiromesifen, Spirotetramat, Tebuconazole (Folicur)
SPXPR-9	Pesticide Mix 9 containing 16 compounds in acetonitrile:acetone (9:1) Contains: Acequinocyl, Atrazine, Atrazine-desethyl, Carbofuran, Cyanazine (Bladex), 2,4-DB, Fenamiphos-sulfone, Fenamiphossulfoxide, Fenhexamid, Fenoxaprop, Fluometuron, 3-Hydroxycarbofuran, Molinate, Simazine, Thiophanate-methyl, Trichlorfon (Dylox)
SPXPR-10	Pesticide Mix 10 containing 15 compounds in acetonitrile Contains: Aldrin, Chlordecone, o-p'-DDD, o-p'-DDE, o-p'-DDT, p-p'-DDD, p-p'-DDE, p-p'-DDT, Dieldrin, Endrin, Endrin aldehyde, Endrin ketone, Isodrin, Metribuzin, Mirex,



## Thermo Scientific FlashSmart elemental analyser

The determination of nitrogen/protein for food quality control and R&D purposes is very important in the food industry. Official regulations establish protein content and labelling requirements which enable consumers to compare price and quality. For this reason the use of accurate instrumental analytical techniques avoiding the use of toxic chemicals is required, and an alternative to the classical Kjeldahl method, based on the Dumas (combustion) method, has been developed and approved by different associations.

The Thermo Scientific™ FlashSmart™ elemental analyser requires no sample digestion or toxic chemicals, while providing important advantages in terms of time, automation and quantitative determination of nitrogen in a large range of concentrations.



Item Code	Description	Unit
11206100	FlashSmart Elemental Analyser Nitrogen/Protein	EA

## VELP Scientifica NDA Dumas nitrogen/protein analysers

Nitrogen and protein determination according to the Dumas combustion method for testing both solid and liquid samples.

- Exceptional versatility: controlled from PC with DUMAsoft™ software with pre-installed methods. Powerful, clear and detailed reporting software provides data in multiple formats for LIMS or PC.
- High productivity: automated analysis of preloaded samples (117 positions) with unsupervised operation.
- Perform single or multiple extractions including boiling, rinsing and filtration steps with no sample transfer for the maximum reproducibility available.
- High performance: 0.001 mg N LOD, RSD less than 0.5% with EDTA standard.
- Economical environmentally friendly operation; Incorporates TEMS™ technology, for low energy consumption and low operator costs. No chemicals required for less residues and waste.



Item Code	Description	Unit
VELF30800070	NDA 701 Dumas Analyser for use with He carrier gas	EA
VELF30800080	NDA 702 Dumas Analyser uses He or Ar carrier gas	EA

## VELP Scientifica OXITEST – oxidation stability reactor

A multi-application accelerated oxidative stability testing device unit offering an innovative solution and providing high quality, added value information on the oxidative stability in foods, oils and fats.

- Suitable for repeatability test, freshness test, formulas comparison, packaging comparison, IP during ageing and estimated shelf life.
- Simple and safe operation with Intuitive OXISoft™ software.
- Maximum productivity; no sample preparation required and twin chambers for duplicate or parallel analysis.
- Maximum productivity; no sample preparation required and twin chambers for duplicate or parallel analysis.
- Robust design with titanium sample holders and chambers.



Item Code	Description	Unit
VELF30900248	OXITEST Oxidation Test Reactor	EA

## VELP Scientifica UDK kjeldahl distillation units

A choice of five units with varied levels of automation for the determination of ammoniacal nitrogen, protein determination, nitrogen content (Kjeldahl or direct alkaline distillation), nitric nitrogen (after reduction/Devarda), phenols, volatile acids, cyanides and alcohol content.

- 5 models from entry-level to fully automated combined with the autosampler provides high capacity distillation and analysis.
- Outstanding reliability: maintenance-free, resistant, patented steam generator and titanium condenser for unmatched performance.
- Operator safety: protection screen for distillation chamber and zero pressure steam generator.
- Library of up to 55 programs (31 pre-defined, 24 customisable), depending on model.
- Choice of integrated colour titrator.



Item Code	Description	Unit
VELF30200120	UDK129 Entry level distillation unit	EA
VELF30200130	UDK139 Semi automatic distillation unit	EA
VELF30200140	UDK149 automatic distillation unit with titrator connection	EA
VELF30200150/A	UDK159 automatic distillation unit with built in titrator	EA
VELS30200160	UDK169 automatic distillation unit with titrator and autosampler	EA

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Email (Inquires): [nzinfo@thermofisher.com](mailto:nzinfo@thermofisher.com)

Website: [thermofisher.co.nz](http://thermofisher.co.nz)

## Invitrogen Countess II FL automated 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](http://thermofisher.com/countess)

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



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## Invitrogen EVOS cell imaging systems

Designed to eliminate the complexities of microscopy without compromising performance, the Invitrogen™ 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
AMAFD2000	EVOS FL Auto 2 Imaging System	EA



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## Invitrogen Attune NxT flow cytometer

Designed with non-clogging fluidics and exceptionally high sample flow rates, the Invitrogen™ 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



Only available for order through legal entity Life Technologies New Zealand Ltd

## Invitrogen Qubit 4 fluorometer

Invitrogen™ Qubit™ 4 Fluorometer can accurately quantify your sample DNA, RNA, and protein for downstream molecular testing.

- Quickly and accurately quantifies DNA, RNA, and protein, in <3 seconds per sample.
- Uses as little as 1 µL of sample.
- Fast, reliable detection of degraded RNA in <5 seconds per sample.
- Stores up to 1,000 sample results.
- The Qubit 4 Fluorometer and RNA IQ Kit work together to accurately distinguish viable from degraded RNA.



Item	Description	Unit
Q33226	Qubit 4 Fluorometer	EA
Q33229	Qubit 4 RNA IQ Starter Kit	EA
Q33227	Qubit 4 Quantitation Starter Kit	EA

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## Thermo Scientific KingFisher Duo Prime purification system

Reap high yields of quality nucleic acids from a variety of starting materials with the Thermo Scientific™ KingFisher™ Duo Prime purification system. This compact instrument is ideal for laboratories requiring nucleic acid purification, and is easily modified for use in proteomics and cell isolation. It provides excellent reproducibility with minimal hands-on time, and has a small footprint in the lab. New features, including a UV lamp for easy decontamination and optional bar-code reader enhance functionality.



Item	Description	Unit
5400110	KingFisher Duo Prime Purification Instrument	EA
AM1836	MagMAX 96 Viral RNA Isolation Kit	EA
AM1939	MagMAX Viral RNA Isolation Kit	EA
AMF4300	EVOS FL Imaging System	EA
4462359	MagMAX Pathogen RNA/DNA Kit	EA
A25597	MagMAX DNA Multi Sample Ultra Kit	EA
4413021	MagMAX-96 DNA Multi-Sample Kit	EA
A32580	MagMAX DNA Plant Isolation	EA



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## Ion 16S Metagenomics Kit

The Ion 16S™ Metagenomics Kit allows analysis of 16S sequences in microbial populations using Next-Generation sequencing gives a rapid overview of the community diversity.

- Use starting material from direct samples without culture, mixed culture, or pure culture.
- Accurate detection and identification of a broad range of bacteria down to genus or species level.
- Flexible and easy to use.

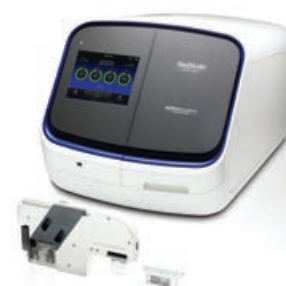


Item Code	Description	
Microbial targeted sequencing panels		
A26216	Ion 16S metagenomics kit	100 reactions
ampliseq.com	Ion AmpliSeq TB research panel	Custom order
ampliseq.com	Ion AmpliSeq Ebola Research Panel	Customer order
4485019	PathAmp FluA Reagents	50 preps
Microbial whole genome sequencing		
4471269	Ion Xpress Plus Fragment Library Kit	10 reactions
A25656	Ion TrueMate Plus Library Kit	10 reactions

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## Applied Biosystems SeqStudio Genetic Analyzer

Applied Biosystems™ MicroSEQ™ 500 PCR kit and the Applied Biosystems™ SeqStudio™ Genetic Analyzer instrument can be used for microbial identification using Sanger sequencing. Find out more at [thermofisher.com/microbialgenomics](http://thermofisher.com/microbialgenomics)



Item	Description	Unit
A35646	A35646 SeqStudio Genetic Analyzer	EA
A35000	SeqStudio Starter Kit	EA
4348228	MicroSEQ 500 16S rDNA PCR Kit	1 kit
4346480	MicroSEQ 500 16S rDNA Sequencing Kit	1 kit
4337450	BigDye Terminator v1.1 Cycle Sequencing Kit	100 reactions
4337455	BigDye Terminator v3.1 Cycle Sequencing Kit	100 reactions
78200.200.UL	ExoSAP-IT PCR Product Cleanup Reagent	100 reactions

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## Thermo Scientific checkweighers

Weigh, count and reject in a single, non-stop checkweighing solution. Weigh large, heavy packages without stopping or recalibrating the conveyor. With a Thermo Scientific checkweigher customised to your specifications, you can depend on accurate weight control, maximized efficiency, and consistent product throughput, even in rugged industrial environments. From raw or frozen products, bags, cases or barrels to mailers, totes and cases, we'll keep your line moving toward maximum productivity at all times.

Depending on the model you choose, our checkweighers can provide:

- Reliable high-speed weighing, control and reject functions.
- Dry and wet applications.
- Light to heavy-weight packages.
- Fixed height and height-adjustable cantilever.



Item Code	Description	Unit
VERSAFLEX	Versa Flex Checkweigher	EA
VERSAFLEXGP	Versa Flex GP Checkweigher	EA
PID-10144546	Global Versa GP Checkweigher	EA
PID-10131047	Global VersaWeigh Checkweigher	EA
PI.0034.0205	Versa Teorema Can Checkweigher	EA

## Thermo Scientific Versa 8120 chain checkweigher

With line speeds up to 700 packages per minute, the Thermo Scientific™ Versa 8120 chain checkweigher provides reliable high-speed weighing, control and reject functions for cartons, cans, bottles and pouches in dry or wet environments.



Item Code	Description	Unit
70.600	Combination Checkweigher and Metal Detector	EA

## Thermo Scientific metal detectors

Protect your product and your reputation in today's competitive marketplace with Thermo Scientific metal detectors. Our customised metal detection systems provide reliable, cost-effective protection from even the smallest metal contaminants found in food production anywhere in a process.

Depending on the model you choose, our metal detectors can provide:

- Fixed single, dual and multiple frequency detection.
- Ferrous, non-ferrous, and stainless steel metal contaminant detection.
- Variety of applications including dairy, meat, poultry, bread and more.



Item Code	Description	Unit
SENTINEL5000	Sentinel Multiscan Metal Detector	EA
APEXHD	APEX 500/300 HD (Heavy Duty) Metal Detector	EA
APEX500	APEX 500 High Performance Metal Detector	EA
APEX300	APEX 300 Flexible Metal Detector	EA
APEX100	APEX 100 Entry Level Metal Detector	EA

## Thermo Scientific combination checkweigher and metal detector

Eliminate the expense of two machines with the Thermo Scientific™ Combination Checkweigher and Metal Detector. Combining the superior performance of a Thermo Scientific VersaWeigh Checkweigher with the high sensitivity of a Thermo Scientific APEX Metal Detector, the Combination Checkweigher and Metal Detector gives you both accurate weight control and the assurance that your product is free of metal contaminants—all in a single space-saving instrument.

- Separation of metal-contaminated products from potentially reusable off-weight products.
- Independent reject operation from the metal detector and checkweigher output signals.
- Basic or advanced level checkweigher to fit application.
- Highest level of sensitivity and stability with the lowest levels of false rejects in metal detector.



Item Code	Description	Unit
70.600	Combination Checkweigher and Metal Detector	EA

## Thermo Scientific X-ray detection and inspection systems

When finding contaminants in your packaged food products is critical to protecting your brand, Thermo Scientific X-ray systems offer high-tech, cost-effective, easy-to-use solutions. We work with you to find the model best suited to your business, so you no longer worry about the little things that can cause big problems.

- Find metallic and non-metallic foreign objects (metal, rock, plastic, glass and more).
- Detect under/over filled products.
- Powerful software to eliminate false rejects.



Item Code	Description	Unit
NEXTGUARDC330, NEXTGUARDC500 or NEXTGUARDPRO	NextGuard X-ray detection systems	EA
XPERTS400	Xpert Sideshoot X-ray inspection system	EA
XPERTB400 or XPERTB600	Xpert Bulk X-ray inspection systems	EA
XPERTC400, XPERTC600 or XPERTC800	Xpert Conveyor X-ray inspection systems	EA
POWERXC400, POWERXC600 or POWERXC800	POWERx High Power X-ray inspection	EA



# Your product's best defence

Catch issues before they cross the line with Thermo Scientific™ product inspection solutions

We share your goal: keeping consumers safe and protecting your brand reputation. A custom solution is within reach — and so are the savings. Ensure consistent product quality and safety with the answers you need, simply packaged.



X-Ray Inspection



Metal Detection



Checkweighing

Take a closer look at [thermofisher.com/productinspection](https://thermofisher.com/productinspection)

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