

# Food & Beverage Workflow

All you need for Food Safety, Quality  
Testing and Research

*From traditional food & beverage to innovative alternatives*





The Fisher Scientific channel is here to support the entire Food & Beverage industrial sector, whether you are involved in traditional food and beverage production, innovative quality control and research or processed foodstuff manufacture.

We can provide you with all the laboratory consumables, equipment and chemicals you need for every step of your laboratory and production testing workflow, including basic R&D, microbiological monitoring, sample collection, sample handling and physico-chemical analysis of raw materials and final products, all supported by a comprehensive safety and PPE portfolio.

So, in this exciting new brochure you will find a complete range of items including incubators, freezers, pH monitors and meters, filtration and purification products, liquid handling equipment and chemicals, all offering quality and reliability every step of the way.

If you are unable to find the product you need or you'd like to request a quote, simply 'Connect with Us' to get in touch.

*Product availability may differ from region to region.*

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### Sample Collection, Handling & Storage

From sampling devices, containers, transportation to sample storage

- Beakers & Accessories
- Bottles, Jars & Jugs
- Carboys
- Centrifuge Tubes
- Cryogenic Storage
- Filtration
- Filter Units
- Freezers
- Glassware & Plasticware
- Microplates
- Pipettes, Pipettors & Tips
- Refrigerators
- Serological Pipettes
- Samplers, Spatulas & Utensils
- Stomachers Blender Bags
- Thermometers
- Tubes & Vials
- Tubing, Food Grade

Axygen	Duran	Merck
Azlon	Falcon	Nalgene
Bel Art Products	Kimble	Nunc
BINDER	Pyrex	OEM
Brady	Wheaton	Pall
Brand	Eppendorf	Parafilm M
Bürkle	Finnpipette	SCAT
Chromacol	Fisherbrand	Saint Gobain
Control Co	Gilson	Sartorius
Corning	Hamilton	Sterilin
Corning Gosselin	Heathrow Scientific	Thermo Scientific
Cytiva	Kartell	Whatman
DWK	Labcon	



#### Top consumables industry

[eu.fishersci.com/go/industryconsumable](http://eu.fishersci.com/go/industryconsumable)



### Food Biology & Microbiology

From basic food biology research to microbial isolation & identification

- Cell Culture Dishes, Plates & Flasks
- Cell Culture Reagents
- Dehydrated Media
- Diagnostic Tests & Controls
- Reagents & Plates
- Microbiology
- Molecular Biology Reagents & Kits
- PCR & qPCR
- Protein Biology
- Stomacher Bags
- Water Microbiology

Abgene	Fisher Bioreagents	MP Biomedicals
Acros Organics	Gibco	Oxoid
Affymetrix	IBA Life Science	Pierce
Applied Biosystems	IDEXX	Remel
BioTek	Implen	Stuart
Chemgene	Interscience	Techne
Corning	Invitrogen	Thermo Scientific
Cytiva	Microgen	
Cytiva Hyclone	Microspec	

Also bulk biologicals and consumables on demand

Contact Us



### Chemicals

A comprehensive portfolio of organic and inorganic chemicals, reagents and solvents, including bulk volumes

- Acids & Bases
- Analytical & Chromatography
- Buffers & Solutions
- Bulk & Speciality Chemicals
- Organics
- Salts & Inorganics
- Solvents
- Standards

Acros Organics	Honeywell Fluka
Alfa Aesar	Honeywell Riedel-de Haën
Fisherbrand	Reagecon
Fisher Bioreagents	SCS Bulk Chemicals
Fisher Chemical	Spex
Honeywell	Thermo Scientific

Bulk chemicals on demand

[eu.fishersci.com/go/scs](http://eu.fishersci.com/go/scs)

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### Safety & PPE

From safety devices and personal protection (PPE) through to cleaning equipment, wipes and disinfectants

- Autoclave Bags
- Autoclaves & Sterilisers
- Controlled Environments & Cleanroom
- Ear Plugs & Hearing Protection
- Fume Hoods
- Glasses, Goggles & Face Masks
- Gloves
- Glassware Washers & Dryers
- Lab Coats, Aprons & Apparel
- Respiratory Protection
- Safety Cabinets
- Sterilisation Verification Indicators
- Ultrasonic Cleaners
- Wipes, Towels & Cleaning

3M	Contec	Kimberly-Clarke
Ansell	DNA Away	Semperit
Asecos	Dupont	Texwipe
Bollé	Ecolab	Thermo Scientific
Brady	Fisherbrand	Veltek

To see our extensive product range please visit our website

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COVID safety PPE

[eu.fishersci.com/go/covid19-research](http://eu.fishersci.com/go/covid19-research)

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### Analysis & Production Testing

From portable and benchtop instruments and meters for physico-chemical measurement through to centrifuges, incubators, ovens, mixers and shakers

- Balances, Scales & Weighing
- Centrifuges & Microcentrifuges
- Chromatography Analytical Reagents
- Chromatography Columns & Cartridges
- Chromatography Solid Phase Extraction (SPE)
- Chromatography Vials, Caps & Closures
- Chromatography Syringes
- Circulating Baths
- Climate Chambers
- CO<sub>2</sub> incubators
- COVID-19 Pathogen Detection
- Dataloggers & Recorders
- Filtering Holders & Hardware
- Freeze Dryers
- Freezers & Cryogenics
- Furnaces
- Heaters & Heating Mantles
- Hot Plates & Hotplate Stirrers
- Incubators & Climate Chambers
- Ovens
- pH and Electrochemistry
- Pumps & Tubing
- Refractometers
- Refrigerators
- Shakers, Rockers & Rotators
- Sonicators, Homogenisers & Blenders
- Spectrophotometers
- Thermometers
- Titration Karl Fischer
- Turbidity Meters
- Water Baths
- Water Purification

Axygen	DWK	Labcon
Azlon	Duran	Merck
Bel Art Products	Falcon	Nalgene
BINDER	Kimble	Nunc
Brady	Pyrex	OEM
Brand	Wheaton	Pall
Bürkle	Eppendorf	Parafilm M
Chromacol	Finnpipette	SCAT
Control Co	Fisherbrand	Saint Gobain
Corning	Gilson	Sartorius
Corning Gosselin	Hamilton	Sterilin
Cytiva	Heathrow Scientific	Thermo Scientific
Cytiva Whatman	Kartell	



#### Top Equipment & Instrumentation for Industry

[eu.fishersci.com/go/industryinstrumentation](http://eu.fishersci.com/go/industryinstrumentation)

Eppendorf™ Conical Tubes™ 25mL



Benefit from the new format 25mL conical tube. Saves storage space, minimises contamination risks and causes less plastic waste.

- Reduced height gives easy sample access even with low-volume pipettes and tips—reduced risk of cross-contamination between pipette and tube
- Tightness of the lid is ensured from -86°C to 100°C
- Centrifugation stability up to 17,000g for both tube variants - SnapTec™ cap and screw cap

Cat. No.	Description	Qty
16353306	Tube with SnapTec™ Cap	200
16336485	Tube with Screw Cap	200

Fisherbrand™ Easy Reader™ Conical Polypropylene Centrifuge Tubes



Fisherbrand Easy Reader™ Conical Polypropylene Centrifuge Tubes provide exceptional chemical resistance in a variety of sizes. Imprinted clear black graduations ensure accurate readings.

- Non-pyrogenic
- Conical bottoms
- Large labelling area

Cat. No.	Qty
11512303	500

Fisherbrand™ Premium Microcentrifuge Tubes: 1.5mL



Flat-top snap caps provide a safe, liquid-tight, reliable seal even with prolonged boiling.

- High-clarity polypropylene
- Graduated in 0.1 and 0.25mL markings
- Withstand forces up to 30,000xg

Cat. No.	Qty
11926955	500

Automotive, mobility and energy storage sector

Technical and product information covering all aspects of industrial, automotive and battery production

[Find Out More](#)

Fisherbrand™ Isotemp™ Ultra-Low Temperature Freezers



Fisherbrand Isotemp -80°C ultra-low freezers are the sustainable and reliable solution with ultimate sample security and operational savings for every lab. Vacuum panel insulation provides maximum storage capacity in a smaller footprint.

- Hydrocarbon technology saves up to 25% energy usage over conventional refrigerant ultra-low freezers and reduces stress on operating systems promoting outstanding reliability
- Designed for quick recovery after door openings to maximise sample protection
- Only 53dBA sound output enables the units to be utilized in the lab

Cat. No.	Qty
16647352	1

Fisherbrand™ Traceable™ Memory-Loc™ Ultra-Low-Temperature USB Datalogging Refrigerator/Freezer Thermometers



Datalogging thermometer that can be used in 21 CFR 11 environments.

- Data-logging thermometer with fixed one-minute timing intervals
- Meets current CDC requirements and additional recommendations for vaccine storage and monitoring
- Can be used in 21CFR 11 environments, raw data is locked and cannot be cleared or changed on base unit

Cat. No.	Qty
15590765	1

Fisherbrand™ Traceable™ Refrigerator/Freezer Alarm Thermometers



Provides accurate reading when freezer/refrigerator doors are open with temperature-buffered sensor sealed in a bottled glycol solution.

- Monitors temperature in freezers, refrigerators, incubators, water baths and heating blocks
- Triple display simultaneously shows current, high and low temperatures
- Alarm set in 1° increments alerts user with visual and audible signals if temperature goes outside set-points

Cat. No.	Qty
11705853	1

Thermo Scientific™ TSX Series High-Performance Undercounter Lab Refrigerators

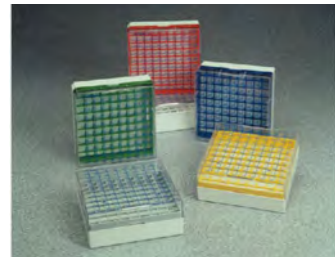


For a better environment inside and out - Introducing our new undercounter lab refrigerator.

- Unique V-drive technology is designed to save energy without compromising the protection of stored products
- Quiet operation at just 35dbA (43 during pull down)
- Reduced energy consumption

Cat. No.	Door Style	Qty
16669233	Single glass	1
16638252	Single solid	1

Thermo Scientific™ Cryoboxes



Meet any need and budget with Thermo Scientific Cryoboxes. Choose from durable plastic cryoboxes with keyed lid orientation and printed via location grid or choose economical cardboard.

- Durable, all-plastic cryoboxes for short or long-term storage
- Cardboard boxes with dividers and vents in base for good drainage and air circulation
- Plastic boxes autoclavable for decontamination and usable at temperature range from -196°C to +121°C

Cat. No.	Holds	Colour	Qty
Nalgene Polycarbonate CryoBox			
10324741	81 (1.2 and 2mL vials)	White	4
10069130	100 (1 to 1.5mL vials)	Blue	10
10038700	81 (5mL vials)	White	4
Nalgene Polycarbonate CryoBox with coloured insert			
11754703	81 (1 to 2mL vials)	Red	4
Nunc Cardboard Boxes			
10701713	81 (1 to 1.8mL vials)	White	1
11311625	100 (1 to 1.8mL vials)	White	42
16692093	81 (1 to 1.8mL vials)	White	48
Nunc Polycarbonate MAX-100 CryoStore Boxes			
10479572	100 (3.6mL Vials)	White	24

Thermo Scientific™ Nunc™ Biobanking and Cell Culture Cryogenic Tubes



Store samples from general cold storage to the vapour phase of liquid nitrogen with Thermo Scientific Nunc Biobanking and Cell Culture Cryogenic Tubes.

- Non-cytotoxic, non-mutagenic raw materials and pyrogen-free IVD compatible tubes for added sample security
- External or internally threaded options available
- Certified SAL of 10<sup>-6</sup> for the highest sterility assurance available

Cat. No.	Capacity, mL	Thread Style	Length, mm	Qty
With writing surface				
10544641	1	External	41	500
10529881	1	Internal	42	500
10577391	1.8	Internal	49	450
11341675	1.8	Internal	49	1800
10669071	1.8	External	48	450
10789871	3.6	Internal	70	400
10633452	4.5	External	91	300
With writing surface and screw cap with gasket				
10004220	1.8	Internal	48	500
10674511	1.8	Internal	49	450

Fisherbrand™ Grade 113 Cellulose Medium Filtering Qualitative Filter Paper



Filters fine particulates.

- Pure grade
- Made of cellulose fibres
- Alpha content of nearly 100% according to precise norms

Cat. No.	Qty
11704273	100

Cytiva Whatman™ Qualitative Filter Paper: Grade 595½ Pleated Circles



Pleated to save time and achieve optimal fit in conical filter funnels. A thin filter paper, medium-fast with medium to fine particle retention. Used for many routine analytical applications such as particle separation from food extracts.

- Saves time in repetitive or multiple analyses
- Decreases overall filtration time
- Increases total loading capacity
- Different diameters available

Cat. No.	Diameter, mm	Qty
11323055	90	100
10737751	110	100
11315214	125	100
10068000	150	100
11335214	185	100
11393045	210	100
10510022	240	100
11365214	320	100

Cytiva Whatman™ Baby Food Testing Filter Papers



Filter mat made from a mixture of cellulose and polyester used for optically testing baby food (artificial milk) for textile fibres.

- Diameter 32 mm
- Weight 130 g/m<sup>2</sup>
- Grade 0048

Cat. No.	Qty
11378784	1000

**cytiva**

Food and beverage quality testing

Sample preparation that is accurate, reliable, and fast.

Check out the Whatman™ range. [Learn More](#)

**Fisherbrand™ Microglass Fibre Filters, Grade 259**



Made with 100% borosilicate microglass fibres. Fisherbrand Microglass Fibre Filters, Grade 259 are non-hygroscopic and biologically inert. They show chemical resistance to most solvents and reagents (except hydrofluoric acid).

- Contains no binder
- Suitable for use at and up to 500°C
- Not affected by humidity

Cat. No.	Qty
11465238	100

**Thermo Scientific™ Nalgene™ Membrane and Prefilter Discs**



Carry out particulate and microbial analysis with these filter membranes. Available in various forms for water quality work, cold sterilisation or sample clean up.

- Sterile membrane discs are optimised for microbial QA/QC testing and feature the highest recovery rates
- White and black membranes for easy visibility of colonies
- Gridded membranes are printed with non-toxic ink for easy enumeration of colonies

Cat. No.	Qty
10112211	100

**Fisherbrand™ Non-Sterile PTFE Syringe Filter**



Designed for daily routine analysis. Fisherbrand Non-sterile PTFE Syringe Filters feature a hydrophobic PTFE membrane for filtering HPLC organic solutions. Available in two membrane diameters (13 and 25mm) and two (0.2 and 0.45µm) pore sizes.

- Ideal for filtration of solvents
- High sample throughput and low protein binding
- Chemically-resistant hydrophobic PTFE membrane

Cat. No.	Qty
15161499	100

**Fisherbrand™ Sterile PES Syringe Filter**

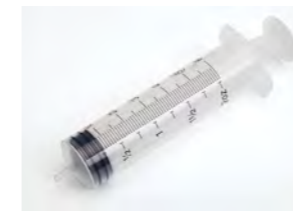


Designed for filtration and purification in a sterile environment. Fisherbrand Sterile PES Syringe Filter features a PES membrane in a polypropylene housing for purification of tissue culture solutions from a standard syringe. 33mm diameter membranes available with 0.2 or 0.45µm pore sizes.

- Ideal for purification of tissue culture solutions and buffers
- High sample throughput with low protein binding
- Hydrophilic 33mm polyethersulfone (PES) membrane

Cat. No.	Pore size, µm	Qty
15206869	0.2	50
15216869	0.45	50

**Fisherbrand™ Sterile Syringes for Single Use**



Manual syringe without needle for research purposes only. Suitable for use with syringe filters.

- Gamma sterilised
- Individually wrapped in a paper/plastic blister pack

Cat. No.	Qty
15839152	50

**Merck Millex™ HPF Filter Units**



Greater throughput for easier filtration. Includes two different media: a graduated glass fibre pre-filter to remove larger particles and a membrane filter for fine filtration.

- Two to four times greater throughput than syringe filters without pre-filters
- For manual or automated use
- Low-extractable polyethylene housing

Cat. No.	Qty
10656275	50

**Cytiva Whatman™ GD/X™ Syringe Filters**



The Whatman GD/X range is specifically designed for difficult-to-filter, high particulate loaded samples.

- Prefiltration stack of Whatman GMF 150 (graded density) and GF/F glass microfiber media
- 13mm and 25mm devices available, including sterile options
- Eight different membrane media options
- Requires less hand pressure, even with the most difficult samples
- Processes three to seven times more sample volume

Cat. No.	Material	Diameter, mm	Pore Size, µm	Qty
11364784	Cellulose acetate (CA)	25	0.45	150
11334764	Nylon	25	0.2	150
10279090	Nylon	25	0.45	150
11384764	PVDF	13	0.45	150
11364794	Glass Micro Fiber (GMF)	25	0.45	150
12336603	Regenerated cellulose	25	0.2	150
11380314	PES	13	0.45	150
11344774	PTFE	25	0.2	150

Fisherbrand™ Screw Neck Vial, 13-425 Thread, Glass, 4mL



Ideal for storage purposes when used with closed top screw seals.

- Any combination of 4mL Screw Neck Vial ND13 with one of our 13mm PP Screw Seals can be obtained as a 2-in-1 kit
- Also available with closed top screw seals

Cat. No.	Qty
10571013	100

Fisherbrand™ Glass Screw Neck Specimen Vials



Store specimens securely with squat or tall form glass vials. Fisherbrand Glass Screw Neck Specimen Vials are available in a variety of sizes. Fisherbrand™ polypropylene screw caps are sold separately.

- Manufactured from clear Type 1B neutral glass
- Squat and tall form options with standard neck sizes
- Suitable for media, diagnostic, storage, display and sample collection applications

Cat. No.	Qty
15304789	399

Fisherbrand™ 9mm Short Thread Glass Vial, Wide Opening, Clear



Universally compatible on almost all autosamplers.

- 9mm
- Short thread
- Glass
- Wide opening
- Clear

Cat. No.	Qty
11575884	100

thermo scientific

Solutions for every laboratory  
Choose from a broad range of Headspace vials

- Superior quality 1st hydrolytic class glass
- Meets all requirements of Pharm. US, EU & JPN

Find out more at:  
[eu.fishersci.com/go/thermochromatography](http://eu.fishersci.com/go/thermochromatography)

Fisherbrand™ Black Polypropylene Screw Caps for Glass Specimen Vials, 15mm



Screw securely into place to seal squat or tall form glass screw neck specimen vials. Fisherbrand Black Polypropylene Screw Caps for Glass Specimen Vials are foil lined and available in sizes to fit a variety of tall or squat form vials.

- Specifically designed for use with Fisherbrand glass screw neck specimen vials
- Polypropylene construction with foil lining
- Fit both tall and squat form vials

Cat. No.	Qty
15394789	300

Fisherbrand™ Squat Form Beakers



Constructed of borosilicate glass. Fisherbrand Squat Form Beakers are graduated and come in a large variety of capacities.

- Squat form with spout and graduations
- ISO 3819 DIN 12331

Cat. No.	Qty
15409083	10

Fisherbrand™ Reusable Glass Heavy-Duty Low-Form Beakers



Fisherbrand Reusable Glass Heavy-Duty Low-Form Beakers feature a sturdy construction ideal for mechanical shock and other harsh applications. Spout is designed for optimum performance.

- Thick uniform walls
- Evenly tooled top rim with extra wall thickness
- Durable matte finish marking area

Cat. No.	Qty
16535840	6

Fisherbrand™ Reusable Glass Media Bottles with Cap



Use these glass media bottles for a variety of general laboratory applications. Fisherbrand Reusable Glass Media Bottles with Cap feature a convenient wide opening, enhanced graduations and clear (natural), drip-free, replaceable polypropylene pour ring.

- Permanent white enamel marking spot
- GL 45 screw thread
- Linerless

Cat. No.	Qty
15486113	10

**Fisherbrand™ High Temperature Glass Media Bottles with Red Cap**



Feature clear (natural), drip-free, replaceable polypropylene pour ring.

- Permanent white enamel marking spot
- GL 45 screw thread
- Silicone/PTFE closure liner

Cat. No.	Qty
15816861	10

**Fisherbrand™ Round Glass Narrow Mouth Alpha Bottles**



Store, pour or share your laboratory liquids using Round Glass Narrow Mouth Alpha Bottles. Made from amber or clear borosilicate glass, these round bottles are an essential item in the laboratory.

- Narrow neck
- Borosilicate glass, round
- Amber or clear glass
- Caps available separately

Cat. No.	Qty
12840904	60

**Azlon™ Polypropylene Translucent Graduated Wide Neck Round Bottles**



Use these durable plastic bottles for a wide range of liquid and solid storage needs.

- High clarity polypropylene bottles with good chemical resistance
- Leakproof, liner less design
- Clear crisp printed graduations show millilitres and fluid ounces
- Suitable for food contact applications in accordance with EU and USA regulations

Cat. No.	Capacity, mL	Qty
11323494	60	10
11333494	125	10
11343494	250	10
11353494	500	10
11363494	1000	10

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Check your order status, look up quotes, view your invoices and more!

Find out more on: [eu.fishersci.com](http://eu.fishersci.com)

**Pyrex™ Borosilicate Glass Class A Volumetric Flasks**



Manufactured from chemically resistant Pyrex™ Borosilicate Glass. These Pyrex™ Borosilicate Glass Class A Volumetric Flask include white enamel inscriptions for easy volume assessment and a polyethylene stopper.

- Complies with ISO 1042 and DIN 12664
- Calibrated to the tolerance required by the United States Pharmacopoeia (USP), which is tighter than those of ISO/DIN standards
- Each flask is laser etched with an individual serial number batch code and date of manufacture

Cat. No.	Capacity, mL	Height, mm	Closure Size	Qty
11323624	10	90	10/19	5
11343624	25	110	10/19	5
11353624	50	140	12/21	5
11363624	100	170	14/23	5
11373624	200	210	14/23	5
11383624	250	220	14/23	2
11393624	500	260	19/26	2
11303634	1000	300	24/29	2

**Thermo Scientific™ Nalgene™ Class B Polypropylene Copolymer Volumetric Flasks with Closure**



Lighter in weight than glass, these flasks are break-resistant, offer excellent chemical resistance and protect against leakage and contamination.

- Break resistant, excellent chemical resistance for years of dependable use in your lab
- Individually hand calibrated, permanent colour graduation line and oval marking spot for ease in reading fluid levels
- No meniscus to confuse readings

Cat. No.	Capacity, mL	Closure Size	Qty
10212561	50	13	1
10018780	100	20	1
10588862	200	20	1
10429842	250	20	1
10623381	500	24	1
15981621	1000	28	6

**Azlon™ Class A PMP Volumetric Flask**



The Azlon Class A PMP Volumetric Flask includes a polypropylene stopper.

- Manufactured from glass clear PMP offering excellent clarity
- Individually adjusted ring mark to class A tolerances according to ISO 1042
- Complete with printed batch code

Cat. No.	Capacity, mL	Qty
12590066	25	1
12500076	50	1
12510076	100	1
12520076	250	1
12530076	500	1
12540076	1000	1



**Fisherbrand™ Leakproof HDPE Wide-Mouth Bottles**



Rigid, translucent bottles.

- Leakproof
- Higher temperature-use rating than LDPE—up to 120°C (248°F) for short periods and 110°C (230°F) for continuous use
- Brittleness temperature at -100°C (-148°F)

Cat. No.	Qty
10062439	12

**Corning™ Gosselin™ Straight Polypropylene Container with Screw Cap**



Includes leakproof, polyethylene cap. Corning Gosselin Straight Polypropylene Containers with Screw Cap are designed with a wide mouth to provide ample room for sample and specimen collection.

- Polyethylene cap
- Leakproof screw cap
- Sterile or non-sterile versions available

Cat. No.	Capacity, mL	Closure Colour	Height, mm	Qty
<b>Non-Sterile</b>				
15478804	40	White	70	1000
15418834	125	White	74	380
15408834	125	Red	74	380
15438844	180	White	102	264
<b>Sterile</b>				
15438834	125	Blue	72	380
15478824	125	White	74	380
15488834	180	Red	102	264

**Corning™ Gosselin™ Natural HDPE Square Bottles**



Provides excellent storage for liquids and solids in the laboratory. Corning Gosselin Square HDPE Graduated Bottles.

- Break resistant
- Moulded graduations
- Large mouth, wide neck

Cat. No.	Closure Colour	Cap Type	Qty
11793064	Red	Screw cap	175
11703074	Red	Screw cap	175
11773064	Red	Screw cap with seal	175
11783064	Red	Screw cap with seal	175
11783293	White	Screw cap with seal	175
11733084	Blue	Screw cap with seal	162
11729592	Blue	Screw cap with seal	175
11723084	Blue	Screw cap with seal	175
11759535	White	Screw cap with wad	175
11713074	Red	Screw cap with shaped seal	175
11723074	Red	Screw cap with shaped seal	175

**Fisherbrand™ Wide Neck Conical Borosilicate Glass Erlenmeyer Flasks**



Constructed from borosilicate glass. Fisherbrand Wide Neck Conical Borosilicate Glass Erlenmeyer Flasks are graduated and available in a variety of sizes.

- Borosilicate glass
- Graduated

Cat. No.	Qty
15429113	10

**Thermo Scientific™ Nalgene™ Polypropylene Copolymer Erlenmeyer Flasks**



Use Thermo Scientific Nalgene Polypropylene Copolymer Erlenmeyer Flasks with most lab reagents and solutions thanks to their excellent chemical compatibility and shatter-proof construction.

- Translucent wall makes liquid level easily visible
- 2000mL size has moulded-in graduations
- Mouth sized to accept standard sized stoppers (stopper sold separately)

Cat. No.	Capacity, mL	Closure Size	Qty
10470001	125	3	12
10444881	250	6	6
10633151	500	7	4
10749681	1000	8	2
10065200	2000	10	2

**Azlon™ Multi-Lingual Round Integral Wash Bottle**



Azlon Multi-lingual Round Integral Wash Bottles are moulded with an integral spout to reduce contamination caused by the inner tube touching the benchtop during re-filling.

- Wide neck wash bottle
- Indelibly printed in English, French, German and Spanish

Cat. No.	Chemical Label	Qty
15888467	Distilled Water	5
15898467	Acetone	5
15808477	Methanol	5
15818477	Isopropanol	5
15828477	Ethanol	5

**Azlon™ Round Integral Wash Bottle**



Azlon Round Integral Wash Bottles are moulded with an integral spout to reduce contamination caused by the inner tube touching the benchtop during re-filling.

- Unprinted for end user customisation
- Wide neck for ease of filling
- Designed with integral spout to prevent contamination

Cat. No.	Qty
15878467	5

Fisherbrand™ Easy-Squeeze Wash Bottles



Easy to fill and ready to use.

- Wide mouth
- Translucent and sputter-free
- With easy-to-read colour-coded silk-screened labels

Cat. No.	For Use With (Application)	Qty
11745233	Acetone	6

Thermo Scientific™ Nalgene™ LDPE Economy Wash Bottles



Prevent separation when squeezing Thermo Scientific Nalgene LDPE Economy Wash Bottles, featuring a tight-fitting draw tube and closure.

- Designed to dispense uniformly through the top with a closure and stem moulded in one piece for leakproof service
- Polypropylene screw closure/stem with PPCO draw tube
- Tip can be cut back to provide increased flow

Cat. No.	Capacity, mL	Closure Size, mm	Qty
10709121	125	24	6
10624301	250	24	6
11973857	500	28	24
10048300	1000	38	4

Fisherbrand™ Glass Graduated Class AS Type 1 Pipettes



Pipette liquids with precision. Fisherbrand graduated class AS type 1 pipettes are made from soda lime glass. Type 1 pipettes have the zero mark at the top.

- Soda lime glass
- Type 1
- Blue graduations
- Class AS
- Batch Certificate of Compliance is downloadable

Cat. No.	Qty
15207935	2

Fisherbrand™ Sterile Polystyrene Disposable Serological Pipettes with Magnifier Stripe



These pipettes have improved optical clarity — high-contrast black markings make volumes easier to read.

- Colour-coded magnifier stripe runs lengthwise along the pipette, making meniscus obvious at arm's length and reducing reading errors
- Sterile and nonwetable
- Offer a tolerance of ±2% at full volume and have plug-in mouth end

Cat. No.	Qty
11839660	200

Fisherbrand™ Soda Lime Glass Pasteur Pipettes



Use these pipettes for a variety of applications.

- Length: 230mm
- Available in packs of 1000

Cat. No.	Qty
11566963	1000

Fisherbrand™ Non-Sterile Transfer Pipettes, Transparent LDPE



Prevent cross contamination. Fisherbrand Non-sterile Transfer Pipettes, Transparent LDPE are made of shatterproof, flexible plastic and are designed to replace glass Pasteur pipettes. Graduated and non-graduated pipettes available in a range of sizes and styles, including jumbo, thin stem and extra long.

- Built-in bulb eliminates the need for plugging, packaging and autoclaving
- Flexible stem bends to sample from narrow or small tubes

Cat. No.	Qty
13439108	500

Fisherbrand™ Borosilicate Glass Light-Walled Culture Tubes



Fisherbrand Borosilicate Glass Light-Walled Culture Tubes are made of borosilicate glass to reduce pH changes and contaminants potentially leached from soda lime glass.

- Premium quality tubes with sturdy, uniform bottoms and consistent lengths
- Approximate wall thickness is 0.6mm

Cat. No.	Qty
11547403	1000

Fisherbrand™ Polystyrene Macro Cuvettes for Visible Wavelengths



Use these cuvettes for more constant sample temperatures during photometric measurements. Fisherbrand Polystyrene Macro Cuvettes for Visible Wavelengths feature excellent optical transmission range and small wall thickness for increased heat transfer.

- Very low variation of extinction values
- Excellent optical transmission range
- Cavity-sorted production

Cat. No.	Qty
11537692	100

**Fisherbrand™ SureOne™ Aerosol Barrier Pipettor Tips**



Choose from a comprehensive line of pipettor tips for demanding liquid-handling applications. Universal fit for research grade pipettors.

- Engineered for increased accuracy and are compatible with single-channel, multichannel and electronic pipettors
- DNase/RNase-free; sterile tips are also pyrogen-free
- Sterile and clear colour

Cat. No.	Qty
11973466	100

**Fisherbrand™ Maxi Pipettor Tips**



For use with large volume pipettors.

- Designed for use when transferring large sample volumes
- Advanced moulding technology ensures tips are straight
- Alternative option to serological pipettes

Cat. No.	Qty
11957754	100

**Merck ZipTip™ Pipettor Tips**



Sample preparation and precise liquid handling in one device. A 0.6µL bed of C<sub>18</sub>, C<sub>4</sub> or SCX (strong cation exchange) media is fixed at the end of a 10µL pipettor tip such that there is no dead volume; concentrated, purified samples are eluted in 1 to 4µL. For applications requiring smaller elution volumes (e.g., <1µL), ZipTip Micro Bed C<sub>18</sub> tips feature a microbed format containing 0.2µL of media.

- Concentrate and purify 1–100µL biological samples
- Ideal for purifying and concentrating femtomoles to picomoles of peptides, proteins or oligonucleotides in minutes prior to mass spectrometry, HPLC, capillary electrophoresis and other analytical techniques

Cat. No.	Description	Qty
10349141	With C4 Media	8
10481253	With C4 Media	96
10093501	With C4 Media	960
10650852	With Micro Bed of C18 Media	8
10740883	With Micro Bed of C18 Media	96
10278851	With Micro Bed of C18 Media	960
10156390	With C18 Media	8
10300231	With C18 Media	96
10044590	With C18 Media	960
10453382	With Strong Cation Exchange Media	8
10748354	With Strong Cation Exchange Media	96

**Eppendorf™ Combitips advanced™ Standard Pipettor Tips**



Use these tips for comfortable handling while preventing damage to gloves. Eppendorf Combitips advanced™ Standard Pipettor Tips are optimised to meet the increased requirements of a modern laboratory and offered in three different purity grades to support any application.

- Combitips advanced are the ideal system components for all Eppendorf Multipettes
- The nine volume sizes (0.1mL – 50mL) offer a maximum range of dispensing volumes with increments as low as 100 nanoliters depending on the Combitip used
- Elongated Combitips in volumes 2.5mL, 5.0mL and 10mL make it possible to reach the bottom of the most common laboratory vessels

Cat. No.	Volume, mL	Qty
12644587	0.1	100
12684587	0.2	100
12674587	0.5	100
12654587	1	100
12664587	2.5	100
12694587	5	100
12657636	10	100
12604597	25	100
12624597	50	100

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Eppendorf™ ViscoTip™



Eppendorf ViscoTip™ is a Multipipette™ hand dispenser tip specifically designed and optimised for handling high-viscosity liquids.

- Specialised for liquids with a dynamic viscosity from 200mPa\*s to 14,000mPa\*s
- For dispensing volumes from 100µL to 10mL in increments of 10µL
- Tip design lowers operation force, speeds up work and reduces energy consumption

Cat. No.	Qty
15899312	100

Eppendorf™ Varispenser 2x



Ideal for dispensing aliquots of liquid from large supply bottles.

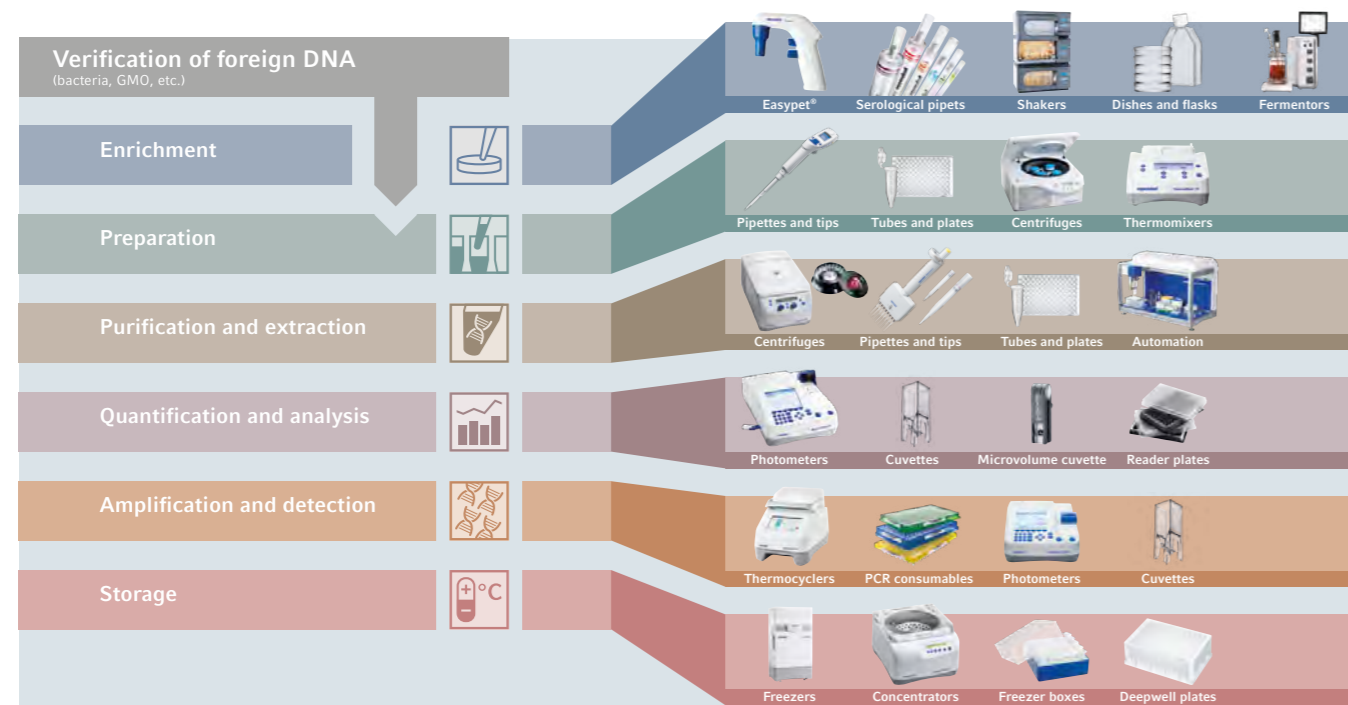
- Recirculation valve
- Standard GL 45 thread on all sizes for most common bottle threads
- Safety valve balls in discharge valve prevents leakage when discharge tube is not mounted

Cat. No.	Dispensing Range, mL	Qty
15787367	0.2 to 2.0	1
15797367	0.5 to 5.0	1
15707377	1 to 10	1
15717377	2.5 to 25	1
15781587	5 to 50	1
15727377	10 to 100	1



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Fisherbrand™ Motorised Pipette Controller



A powerful, lightweight and ergonomically designed pipetting controller for all commonly used glass or plastic pipettes.

- Powerful yet quiet pump
- Ergonomic design
- Soft grip push buttons

Cat. No.	Qty
15840053	1

Thermo Scientific™ S1 Pipette Fillers



Carry out longer, fatigue-free pipetting with this ergonomically designed pipet filler, for use with graduated and volumetric glass and plastic serological pipettes.

- Large backlit LCD display provides visual confirmation of remaining battery charge and speed settings
- Separate aspirate and dispense speed controls provide precise control over pipetting speeds and reduce risk of overpipetting with smaller pipets
- Choose from eight speeds with a simple "+" or "-" to adjust pipetting speed which is displayed on the LCD

Cat. No.	Colour	Qty
10402822	White	1
10072332	Green	1
10729534	Clear	1
10626293	Blue	1
10367302	Red	1

Thermo Scientific™ E1-ClipTip™ Bluetooth™ Electronic Adjustable Tip Spacing Multichannel Equalizer Pipettes



Perform sample transfers between virtually any tube, rack, microplate or horizontal gel box quickly and efficiently with adjustable tip spacing.

- Tip is locked and sealed in place until ejected — no dropped tips that waste valuable samples
- Complete seal to secure the sample volume in each tip for enhanced accuracy and precision
- Tips are attached and ejected with a light touch — eliminates the frustration of banging tips on the pipette

Cat. No.	Number of Channels	Volume, µL	Qty
ClipTip 384			
15623046	8	0.5 to 12.5	1
15633046	12	0.5 to 12.5	1
15643046	8	1 to 30	1
15653046	12	1 to 30	1
15673046	8	2 to 125	1
ClipTip 200			
15663046	8	2 to 125	1
15683046	12	2 to 125	1
ClipTip 1250			
15603056	6	15 to 1250	1
15613056	8	15 to 1250	1
ClipTip 300			
15693046	8	10 to 300	1

Fisherbrand™ Elite™ Multichannel Pipettors



New, improved ergonomic design provides finger rest and index finger and hand support for maximum comfort.

- Fully autoclavable - entire pipettor can be steam autoclaved
- Extremely low plunger forces — work longer without fatigue and reduce the risk of RSI
- Soft-touch tip ejection — a gearing mechanism reducing tip ejection force up to 50%

Cat. No.	Qty
11845772	1

Fisherbrand™ Elite™ Adjustable Volume Pipettors



Extremely low plunger forces work longer without fatigue and reduce the risk of RSI.

- Fully autoclavable — entire pipettor can be steam autoclaved
- Soft-touch tip ejection — a gearing mechanism reducing tip ejection force up to 50%
- Ergonomic comfortable lightweight handle — comfortable grip and effortless tip attachment

Cat. No.	Qty
11865762	1

Eppendorf™ Multipette™ E3 Single Channel Pipettor



Dispenses and pipettes any liquid regardless of viscosity while maintaining the highest standards for accurate results. Eppendorf Multipette™ E3 Single Channel Pipettors provide full volume control, improved accuracy and reproducibility while reducing physical strain during use.

- High speed dispensing with motorised piston
- Automatic Combitip™ advanced™ tip recognition
- One button tip ejection

Cat. No.	Description	Qty
15421920	Multipette E3 Single Channel with Combitips	1 set
15461920	Multipette E3 Single Channel Bundle, with Charger Stand & Combitips	1 set

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Corning™ Lambda™ EliteTouch™ Single-Channel Pipettors, Autoclavable



Corning Lambda™ EliteTouch™ Single-Channel Pipettors have been engineered to provide the highest levels of ergonomics, accuracy and precision.

- Ergonomic handle design for perfect fit for both right and left hand
- Convenient one-hand volume setting with auto-lock system prevents accidental volume change during work
- 4-digit counter for greater precision, perfectly positioned for visibility at all times

Cat. No.	Volume, $\mu$ L	Qty
16329911	0.1-2	1
16339911	0.5-10	1
16349911	2-20	1
16359911	5-50	1
16369911	10-100	1
16379911	20-200	1
16389911	20-200	1

Thermo Scientific™ Finnpiquette™ F1 Good Laboratory Pipetting (GLP) Kits



For your convenience, we packaged a variety of Finnpiquette F1 single channels in a range of volumes, compatible Finntip pipettor tips and a pipettor stand to support good laboratory pipetting in your lab.

- Lightweight handle design combined with low plunger, tip attachment and ejection forces help reduce the risk of RSI
- Enjoy the new silent and lighter volume adjustment mechanism with over 50% lower forces compared to earlier models

Cat. No.	Description	Qty
15541945	Finnpiquette F1 GLP Kit 1: 1-10 $\mu$ L micro, 10-100 $\mu$ L and 100-1000 $\mu$ L	1
15551945	Finnpiquette F1 GLP Kit 2: 0.2-2 $\mu$ L micro, 2-20 $\mu$ L, 20-200 $\mu$ L and 100-1000 $\mu$ L	1
15561945	Finnpiquette F1 GLP Kit 3: 10-100 $\mu$ L, 100-1000 $\mu$ L and 1-10mL	1
15571945	Finnpiquette F1 GLP Kit 4: 2-20 $\mu$ L, 20-200 $\mu$ L and 100-1000 $\mu$ L	1

**Thermo Scientific™ F1-ClipTip™ Good Laboratory Pipetting (GLP) Kits**



For your convenience, we packaged a variety of F1-ClipTip™ pipettors in a range of volumes, compatible ClipTip pipettor tips and a pipette stand to support good laboratory pipetting in your lab.

- With a light touch, each tip is clipped securely on the pipettor
- When ClipTip pipettor tips are on, they are sealed and will not loosen. The ClipTip pipetting system remains sealed until you decide to eject tips, even in the most comprehensive applications, including multiple tip touches and mixing cycles

Cat. No.	Description	Qty
15581945	F1-ClipTip GLP Kit 1: 1-10µL, 10-100µL and 100-1000µL	1
15591945	F1-ClipTip GLP Kit 2: 2-20 µL, 20-200µL, 100-1000µL and 8-ch 30-300µL	1

**Bürkle™ Blue Single-Use Tweezers**



Tweezers in a unique shade of blue that does not occur often in foodstuffs, making them easy to find and visually identify.

- The use of blue tools thus helps to meet the requirements of the HACCP hazard analysis and assessment in reference to foreign objects
- This is an important criterion, especially in food processing and production and in the animal feed and pharmaceutical industry
- The disposable forceps are suitable for precise lab work and are ideal for grasping, lifting and moving small objects, for example, fine tissue, small items or solid samples

Cat. No.	Tip Style	Qty
16565210	Pointed, Angled	100
16575210	Pointed	100
16585210	Broad	100

**Bürkle™ Blue Measuring Spoons**



Measuring spoons in a unique shade of blue that does not occur often in foodstuffs, making them easy to find and visually identify.

- Sterile versions are individually packaged and radiation sterilised
- The use of blue tools thus helps to meet the requirements of the HACCP hazard analysis and assessment in reference to foreign objects
- This is an important criterion, especially in food processing and production and in the animal feed and pharmaceutical industry

Cat. No.	Capacity, mL	Sterility	Qty
16595230	0.5	Sterile	100
16515240	1	Sterile	100
16535240	2.5	Sterile	100
16555240	5	Sterile	100
16575240	10	Sterile	100
16595240	15	Sterile	100
16515250	25	Sterile	100
16535250	50	Sterile	100

**Wheaton™ Individually Wrapped Sterile Dippers**



Ideal for safe sample collection and transportation in a single container, eliminates the risk of cross-contamination.

- Available in three sizes: 30mL, 100mL and 250mL
- Supports food industry and pharmaceutical requirements
- Tested in accordance with BS EN 14254 for safe, leak-free performance

Cat. No.	Capacity, mL	Colour	Qty
16651784	30	Blue	50
16661784	30	Clear	50
16671784	100	Blue	50
16681784	100	Clear	50
16691784	250	Blue	50
16601794	250	Clear	50

## WHEATON™ SAMPLE DIPPERS

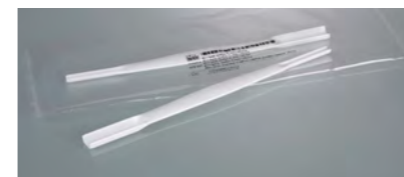
- **Sterile containers** enabling safe and compliant product sampling
- **Available in identifiable blue plastic**, so container can be safely distinguished from foodstuff
- **Long handle ideal for safely sampling large vats** and more restricted areas such as milk tanks and containers
- **Tested in accordance with BS EN 14254** for safe, leak-free performance



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**Bürkle™ Micro Spatulas**



Use to sample, transfer or process small amounts of chemicals, powders, granulates, pastes, creams or liquids. Bürkle Micro Spatulas facilitate precise work with a sturdy centre handle.

- Individually packaged

Cat. No.	Description	Qty
15684104	LaboPlast™ micro spatula, non-sterile	100
15624114	SteriPlast™ micro spatula, sterile	100

**Corning™ Gosselin™ Sterile Cutlery**



Packaged individually in tamper evident zip bags. Corning Gosselin Sterile Cutlery will help handle primary samples with limited cross contamination risks.

- Resistant Polystyrene (PS) cutlery
- Complete range
- Sterile sample handling, single bag

Cat. No.	Description	Length, mm	Qty
11728623	Multifunction Cutlery	180	500
11718623	Knife	175	1000
11847363	Spoon	125	1000
11713114	Spoon	150	1000

**Thermo Scientific™ Heratherm™ Advanced Protocol Microbiological Incubators**



Perform drying applications with Thermo Scientific Heratherm Advance Protocol Microbiological Incubators, which include dual convection technology.

- Dual convection for application versatility — fan speed adjustable from 0 to 100%
- Advanced digital timer for daily or weekly ON/OFF cycles
- Easy to clean, corrosion-resistant stainless-steel interior (AISI 304)

Cat. No.	Capacity, L	Qty
10202120	66	1
10212120	104	1
10150070	178	1

**Thermo Scientific™ Heratherm™ General Protocol Microbiological Incubator**



Use Thermo Scientific Heratherm General Protocol Microbiological Incubators for routine applications. The Heratherm General Protocol Incubator line is designed with sample safety in mind, for applications in pharmaceutical, medical, food and research laboratories.

- Gravity convection provides gentle air flow and minimal drying out
- Temperature range from ambient 5° to 75°C
- Temperature uniformity of ±0.6°C (measured at 37°C)

Cat. No.	Capacity, L	Qty
10529070	75	1
10839810	117	1
10744262	194	1

**Fisherbrand™ Gravity Convection Microbiological Incubator, 75L, Stainless-Steel**



- Ideal for microbiological incubation and heated storage
- Maximum temperature 75°C
- Single set-point digital control

Cat. No.	Qty
15895901	1

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**Fisherbrand™ Heating/Cooling Mini Shaker for PCR**



Ideal for analysis in a stable, controlled environment and PCR plate-ready without the need for any additional accessories.

- Microprocessor control — the variable speed microprocessor control provides consistent, uniform shaking action. Microprocessor will display last set-point and will restart if power is interrupted
- PID temperature controller — maintains precise temperature control from 10°C below ambient to 65°C. Easy-to-use controls allow users to adjust temperature in 1°C increments
- Triple eccentric drive — permanently lubricated ball bearings and maintenance free, brushless DC motor provide reliable service and continuous duty operation

Cat. No.	Qty
15574070	1

**Fisherbrand™ Horizontal Wide Format Mini-Plus Gel Unit**



For faster separation of multiple samples. Includes: gel unit, 1 x gel casting tray with gates, 2 x 1.0mm 20 sample combs, power supply connectors and loading strips.

- For routine and rapid electrophoresis
- Features four comb positions for fast separation of samples
- Removable gel casting tray

Cat. No.	Qty
11553352	1

**Eppendorf™ ThermoMixer™ C, Basic Device without Thermoblock**



Use this temperature control device for heating and cooling almost any of your lab vessels. The Eppendorf ThermoMixer C is the ideal device to accurately set and maintain temperatures.

- Mixing frequency up to 3000rpm (depending on the SmartBlock used)
- Superior mixing performance due to 2D Mix-Control
- Anti-spill technology prevents lid wetting and cross-contamination

Cat. No.	Includes	Qty
15158953	GB plug	1
13527550	EU plug	1

**Fisherbrand™ UV Sterilisation Cabinet with Timer**



Limits PCR reaction contamination. The Fisherbrand UV Sterilisation Cabinet with Timer provides a convenient area for setting up PCR reactions in a nucleic-acid-free environment.

- UV lights on the cabinets denature nucleic acids in 5 to 30 minutes making them unsuitable for amplification
- Incorporates safety features to prevent user exposure to UV light
- The UV lights are timer controlled

Cat. No.	Qty
15562496	1

Cytiva Whatman™ MicroPlus Membranes



Microbiological recovery membrane:

MicroPlus (cellulose nitrate) membrane filters are designed and tested in accordance with ISO 7704, ISO 8199 and ISO 11133 guidance. Each batch of membrane is tested to ensure high recoveries, excellent colony morphology and reliable, reproducible results.

- Economical
- Ready to use
- Hydrophilic, intended for aqueous solutions
- Sterile, individually packed or dispenser packaged for use with the eButler membrane dispenser
- Available in a range of colors, pore sizes, and diameters with a unique pattern grid line designed to neither enhance nor inhibit colony growth

Cat. No.	Grid Colour	Farbe	Diameter Outside, mm	Qty
MicroPlus-21STL				
11909217	Black	White	47	100
10597631	Black	White	47	400
11919217	Black	White	50	100
10131241	Black	White	50	400
11929217	White	Black	50	100
MicroPlus-31STL				
10059710	White	Black	47	400
MicroPlus-41STL				
11989207	Black	Green	47	400

Cytiva Whatman™ Mixed Cellulose Ester Membrane Filters



Microbiological recovery membrane:

ME (mixed cellulose ester) membrane filters are designed and tested in accordance with ISO 7704, ISO 8199 and ISO 11133 guidance. Each batch of membrane is tested to ensure high recoveries, excellent colony morphology and reliable, reproducible results.

- Economical
- Ready to use
- Hydrophilic, intended for aqueous solutions
- Sterile, individually packed or dispenser packaged for use with the eButler membrane dispenser
- Available in a range of colors, pore sizes, and diameters with a unique pattern grid line designed to neither enhance nor inhibit colony growth

Cat. No.	Pore size, µm	Diameter Outer, mm	Colour	Qty
Membrane Type: ME24				
11982006	0.2	47	White	400
Membrane Type: ME25				
11395364	0.45	47	White	100
11375374	0.45	47	White	400
11305384	0.45	47	Black	400
11325384	0.45	47	Green	400
11315374	0.45	50	White	100
11385374	0.45	50	White	400

Fisherbrand™ Adhesive Plate Seals



Seals are optically clear for PCR applications.

- Seals most plates
- Rated from -40 to 125°C
- Polypropylene

Cat. No.	Qty
15963620	100

Fisherbrand™ 96-Well Semi-Skirted PCR Plates



Directly compatible with all major thermal cyclers, including ABI instruments — can be used in ABI 96-well sequencers without adapters.

- Virgin polypropylene
- Clear well bottom for sample visibility
- Raised-rim design

Cat. No.	Qty
12104122	25

Fisherbrand™ 96-Well DeepWell™ Polypropylene Microplates



- Accommodate even larger working volumes; up to 1.0mL or 2.0mL storage volume per well
- Proteins and DNA will not adhere to PP, allowing for complete sample recovery
- Natural colour

Cat. No.	Qty
13545450	25

Thermo Scientific™ Nunc™ 96-Well Polypropylene Storage Microplates



Achieve complete sample recovery with Thermo Scientific Nunc 96-Well Polypropylene MicroWell™ Plates, which are the ideal storage plate as polypropylene has a lower binding capacity so proteins or DNA will not bind. Withstands temperatures from -80° to +121°C. Available in a variety of colours for quick identification of storage plates.

- Shared wall design increases the well volume
- Wider wells and rounded bottom improve mixing
- Conical bottom well is for optimal sample recovery

Cat. No.	Colour	Bottom	Sterility	Qty
10192161	Natural	U	Sterile	120
10644502	Natural	V	Sterile	120

Fisherbrand™ 0.2mL PCR Tubes



With integral snap-shut cap.

- Suitable for 0.2mL thermal cycler blocks
- 0.25mL maximum volume when closed
- Thin-wall design

Cat. No.	Closure Type	Colour	Qty
11899221	Domed	Natural	1000



Fisherbrand™ 0.2mL PCR Tube Strips



Ideal for use in 0.2mL, 96-well V-bottom thermal cyclers.

- 0.25mL maximum tube volume when capped
- Strips of eight tubes
- Can be cut into individual tubes

Cat. No.	Qty
11849241	250

Cytiva Whatman™ MBS I Microbiology Filtration System



The Whatman™ MBS I microbiology filtration system streamlines and simplifies processes in busy microbiology labs using the membrane filtration (MF) technique.

The modular system provides flexibility to select the hardware and accessories that best suit the unique and varied workflows of your lab.

- Flexible, reliable and economical
- Filter funnels: 100 and 350mL sizes for single use or multiple re-use
- Funnel dispenser: accommodates both funnel sizes and maintains an orderly workspace
- AS220 MBS I stainless steel manifold: modular test stand in 2-place segments
- eButler membrane dispenser: aseptically dispense discs using sensor dispense or press of a button

Cat. No.	Description	Volume, mL	Qty
11972585	PP Funnel	100	20
11309284	PP Funnel	350	20
Accessories			
16501620	Funnel dispenser for MBS I	-	1
11329284	Two-place vacuum filtration manifold	-	1

Thermo Scientific™ Nalgene™ Single Use Analytical Filter Funnels



Perform microbiological QC testing and analysis of water, food/beverage, raw material and finished product with these economical sterile disposable funnels.

- High impact polystyrene collars are rugged for reliable performance
- Preassembled, sterile and individually bagged to ensure sample integrity
- Adapters accommodate No. 8 stoppers for use with 0.5 in. hole in vacuum manifolds or filter flasks

Cat. No.	Pore Size, µm	Volume, mL	Membrane Colour/Grid	Qty
10761591	0.2	100	White	50
10102261	0.2	250	White	50
10664661	0.45	100	White with Black Grid	50
10631912	0.45	100	Grey with Black Grid	50
10539051	0.45	150	White with Grey Grid	12
10335801	0.45	250	White with Black Grid	50

Thermo Scientific™ Nalgene™ Sterile Analytical Filter Units



Recover and grow microorganisms for QC testing and analysis of water, food and beverage, raw materials and finished product.

- Gamma-sterilised, individually wrapped
- Upper chamber snaps away from receiver for retrieval of membrane with sterile forceps
- Provides excellent recovery and growth of microorganisms

Cat. No.	Pore Size, µm	Qty
10199840	0.2	12
10780422	0.45	12

Pall™ Microcheck™ Beverage Monitor



Easy to use, versatile, bulk-packaged disposable filter funnels are ideal for microbial analysis.

- Can convert to a petri dish for culturing or easily remove the membrane for placing on separate agar dish
- Product not approved for use in medical, clinical, surgical or other patient applications

Cat. No.	Membrane	Qty
17104401	GN-6 Metrical membrane mixed cellulose ester	50
17124401	Metrical black membrane modified polyethersulfone	50

Pall™ Three-Place Laboratory Manifold with Manifold Valves, End Cap and Hose Barb Cap



Unique microbiology manifold designed for flexibility and reduction in cross-contamination.

- Lab manifold features interchangeable adapters for most funnels and a coupling device to double testing capacity while still enabling sterilisation in standard autoclaves

Cat. No.	Qty
17104441	1 set

Pall™ Sentino™ Magnetic Filters Funnel



Magnetic funnels designed for use with our Sentino pump.

- Unique magnetic seal allows easy, one-handed vacuum filtration of liquids with compatible membranes
- Not approved for use in medical, clinical, surgical or other patient applications

Cat. No.	Capacity, mL	Qty
17164291	150	1
17174291	300	1
17184291	500	1

**Pall™ Sentino™ Global Microbiology Peristaltic Pump**



The Sentino Pump replaces traditional vacuum filtration systems for membrane filtration with a small peristaltic-action pump and a sterile disposable fluid path.

- The units compact design makes it easy to use in confined spaces, frees valuable bench top space and provides workspace flexibility
- Main power supply or rechargeable battery

Cat. No.	Qty
17194251	1

**Pall™ Sentino™ Global Membrane Dispenser**



The Sentino dispenser aseptically dispenses individual membrane filters with a single press on its soft-touch keypad.

- The Sentino range is a complete system of products for evaluation of microbial contamination of aqueous samples using the Membrane Filter (MF) Technique

Cat. No.	Qty
17184251	1

**Pall™ Sentino™ GN-6 Membrane**

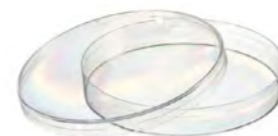


These filter dispenser packs for the Sentino dispenser are ideal for high throughput microbiology testing labs.

- Ideal for high throughput microbiology testing labs looking for more ergonomic, faster ways to handle individual membranes
- Gamma irradiated and ready to use
- For research use only

Cat. No.	Qty
17164591	200

**Thermo Scientific™ Sterilin™ Standard 90mm Petri Dishes**



Culture microorganisms on solid media using these shallow dishes that maximise incubator space and feature a mirror finish that ensures high optical quality.

- Ideal for use in automatic plate pourers
- Manufactured from non-cytotoxic virgin polystyrene
- Mirror finished moulds ensure high optical clarity

Cat. No.	Height, mm	Sterility	Vent	Qty
11739252	15.7	Sterile	No	500
15370366	15.7	Aseptically Manufactured	No	500
11901518	15.9	Sterile	1	500
11389273	15.9	Aseptically Manufactured	1	500
11759252	16.1	Sterile	3	500

**Corning™ Gosselin™ Petri Dishes**



Designed in collaboration with Petri dish filling equipment manufacturers. Corning Gosselin Petri Dishes are ideal for microbiological examination either by surface plating or plate pouring techniques.

- One compartment
- Constructed from natural polystyrene
- Includes three vents

Cat. No.	Qty
15458794	825

**Corning™ Gosselin™ Sterile Polystyrene Inoculating Loops**



Constructed of flexible polystyrene for optimum retrieval of an inoculum from a culture. Corning Gosselin Sterile Polystyrene Inoculating Loops provide a superior solution for transferring microscopic organisms, inoculum or streaking.

- Polystyrene (PS) inoculating loops
- Spherical or needle extremity
- 1µL or 10µL

Cat. No.	Colour	Volume, µL	Length, mm	Qty
<b>Inoculating Loop with Needle Tip</b>				
12682275	Natural	1	192	9000
11733124	Natural	1	192	3000
11763124	Blue	10	194	3000
<b>Inoculating Loop with Spherical Tip</b>				
15241065	White	1	195	9000
<b>Inoculating Loop</b>				
11769515	Blue	10	195	9000

**Fisherbrand™ Cotton Linter Antibiotics Testing Paper**



Tests antibiotic sensitivity of bacteria.

- Thick absorbent paper
- 100% cotton linter fibre
- Weight: 330g/m<sup>2</sup>

Cat. No.	Qty
11780096	1000

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## Fisherbrand™ GT2 Benchtop Centrifuge Packs



The mid-sized Fisherbrand GT2 Benchtop Centrifuge provides speed and versatility, reaching 4238xg for fast and efficient separations.

- Mid-size benchtop centrifuge with speed (reaching 4238xg) and versatility but with minimal lab footprint
- Ventilated and refrigerated versions available, with rapid temperature pull-downs
- Includes a TX-400 rotor with adapters accommodating 36 x 15mL or 16 x 50mL conical tubes, ideal for cell culture applications

Cat. No.	Description	Qty
15818722	GT2R 1.6L, refrigerated	1
15808722	GT2 1.6L, ventilated	1

## Fisherbrand™ GT4 Benchtop Centrifuge Packs



The Fisherbrand GT4 Benchtop Centrifuge is the premium performance high capacity model available in ventilated or rapid pull-down refrigerated versions.

- Premium performance and capacity benchtop centrifuge models available in 3 and 4 litre options
- Specially engineered for high throughput applications
- Includes a TX-1000 rotor with adapters accommodating 40 x 15mL or 96 x 50mL conical tubes

Cat. No.	Description	Qty
15858722	GT4R 4L, refrigerated	1
15848722	GT4 4L, ventilated	1

## Fisherbrand™ Microcentrifuges, Micro 17/17R



With adjustable 99 minute timer and quick-spin feature for short runs.

- Capacity: 48mL (24 x 15/2mL tubes)
- Maximum speed/RCF: 13300rpm/17000xg
- Supplied with ClickSeal™ rotor (24 place 1.5/2mL) and biocontainment lid

Cat. No.	Description	Qty
11516873	Microcentrifuge Micro 17, ventilated	1
11526873	Microcentrifuge Micro 17R, refrigerated	1

## Thermo Scientific™ Multifuge X4 Pro Centrifuge Series



High footprint-to-capacity ratio with a Pro series touch screen for faster processing and programming, ideal for multi-use applications requiring more rotor choices, speeds and programming capacity.

- Full colour intuitive touch screen for fast programming, centrifuge health monitoring and up to 100-program storage
- Modern industrial design supports continuous improvement in rotor loading ergonomics, user safety and current needed certifications
- Detailed operation information, including display of set and actual parameters, maximises run performance and temperature accuracy for improved sample protection

Cat. No.	Qty
16330748	1

Available in UK/IE/DK/NO/SE/DE/AT/CH only. Contact us for details.

## Thermo Scientific™ Sorvall X4 Pro Centrifuge Series



High footprint-to-capacity ratio with a Pro series touch screen for faster processing and programming, ideal for multi-use applications requiring more rotor choices, speeds and programming capacity.

- Full colour intuitive touch screen for fast programming, centrifuge health monitoring and up to 100-program storage
- Modern industrial design supports continuous improvement in rotor loading ergonomics, user safety and current needed certifications
- Detailed operation information, including display of set and actual parameters, maximises run performance and temperature accuracy for improved sample protection

Cat. No.	Qty
16350748	1

## Eppendorf™ Refrigerated Microcentrifuge 5430R G with Keypad



Versatile general laboratory, refrigerated microcentrifuge that accepts eight different rotors. Unique cross-over Centrifuge 5430 R combine the best features of a microcentrifuge (small footprint) and multipurpose centrifuge (versatility) in one instrument.

- Keypad control
- Accepts microcentrifuge tubes, PCR strips, microplates, conical tubes
- Automatic rotor recognition

Cat. No.	Includes	Qty
15835073	GB plug, with 30 x 2mL rotor	1
15825073	EU plug, with 30 x 2mL rotor	1

## Thermo Scientific™ Savant SpeedVac™ Vacuum Concentrators for Organic Chemistry



Perform HPLC fraction and reversed-phase SPE eluant applications with these large capacity SPD210 vacuum concentrator and kits which contain all required components under one model number.

- Large rotor selection to accommodate a variety of tube sizes and types
- Intuitive program digital display with three preset programs which can be modified and saved to set heat, run time and temperature
- Audible alarm to alert user when operation is finished

Cat. No.	Qty
15916181	1

## Thermo Scientific™ Sorvall™ Legend™ Micro 21R Microcentrifuge



Spin 24 x 2mL at up to 21,100xg with refrigeration to accelerate routine microcentrifuge tube preparation.

- Exceptional acceleration of up to 21,000xg in as little as 12 seconds
- Refrigerated versions offer cooling from room temperature to set temperature in as little as nine minutes
- Choose from seven optional microcentrifuge rotors to find the ideal fit for your application

Cat. No.	Qty
10756090	1

**Thermo Scientific™ Fresco™ 17 Microcentrifuge**



Ideal for everyday laboratory use, spin up to 24 microcentrifuge tubes per run with refrigeration.

- Performance up to 17,000xg with fast acceleration and deceleration
- Refrigerated versions offer cooling from room temperature to set temperature in as little as nine minutes
- Choose from seven optional microcentrifuge rotors to find the ideal fit for your application

Cat. No.	Description	Qty
10196832		1

Available in UK/IE/DK/NO/SE/DE/AT/CH only. Contact us for details.

**Thermo Scientific™ Fresco™ 21 Microcentrifuge**



High-end research applications requiring microcentrifuges with refrigeration and performance up to 21,000xg.

- Exceptional acceleration of up to 21,000xg in as little as 12 seconds
- Refrigerated versions offer cooling from room temperature to set temperature in as little as nine minutes
- Choose from seven optional microcentrifuge rotors to find the ideal fit for your application

Cat. No.	Qty
10651805	1

Available in UK/IE/DK/NO/SE/DE/AT/CH only. Contact us for details.

**Thermo Scientific™ Sorvall™ Legend™ Micro 17R Microcentrifuge**



The compact footprint of this microcentrifuge is ideal for routine laboratory work up to 17,000xg and requiring refrigeration.

- Performance up to 17,000xg with fast acceleration and deceleration
- Refrigerated versions offer cooling from room temperature to set temperature in as little as nine minutes
- Choose from seven optional microcentrifuge rotors to find the ideal fit for your application

Cat. No.	Qty
10236249	1

**Thermo Scientific™ Sorvall™ Legend™ Micro 21R Microcentrifuge**



Spin 24 x 2mL at up to 21,100 xg with refrigeration to accelerate routine microcentrifuge tube preparation.

- Exceptional acceleration of up to 21,000 xg in as little as 12 seconds
- Refrigerated versions offer cooling from room temperature to set temperature in as little as nine minutes
- Choose from seven optional microcentrifuge rotors to find the ideal fit for your application

Cat. No.	Qty
10756090	1

**Thermo Scientific™ TX-1000 4 x 1000mL Swinging Bucket Rotor**



Process 4L in a traditional 3L general purpose centrifuge footprint with the TX-1000 rotor.

- Also up to 40 x 50mL conical tubes, 196 blood tubes or 24 microplates with suitable adapters
- High capacities process more tubes in less runs, saving time while reducing energy and wear
- Slide Coat finish offers an advanced lubricant and corrosion resistant coating

Cat. No.	Description	Qty
15133169	TX-1000 Swinging Bucket Rotor Body	1
Accessories		
15163169	Buckets for TX-1000 Rotor (set of 4)	4
13449289	ClickSeal Biocontainment Lids for TX-1000 Rotor (set of 4)	4
15339695	Rotor adapter, 4 x 1000mL	4
15109504	Microplate carriers	4
13419409	Rotor adapter, 96 x 15mL	4
15319695	PP Bio Bottle	4

**Thermo Scientific™ BIOLiner™ Rotor Bucket Adapters**



Combine Thermo Scientific BIOLiner™ Rotor Bucket Adapters with the BIOLiner Rotor Bucket for a complete system. Individual adapters and bottle/adaptor packages are offered.

- Capacity range: 3L to 980mL
- Maximum tube dimensions (O.D. x L): 98 x 124mm

Cat. No.	Qty
11884491	4

Reagents for Food and Beverage Analysis

- High purity solvents and blends
- High purity acids for trace elemental analysis
- Reagents for water content analysis
- Reagents for dairy testing
- Thermo Scientific™ Chromplete™

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Fisherbrand™ Analytical Balances



Featuring RS232 connectivity for easy communication, a backlit display and a simple interface for uncomplicated operation, these balances are perfectly designed for your workplace.

- Large draftshield with sliding top and side doors
- Standard RS-232 connectivity for easy data transfer
- Stainless-steel platform

Cat. No.	Qty
15927500	1

Fisherbrand™ Disposable Aluminium Weighing/Drying Pans



Designed for weighing, drying and more. Compatible with many popular balances and moisture analysers. Choice of 10.9cm and 12.2cm diameter dishes.

- General-purpose weighing pans also used for dispensing, storage, evaporating and drying
- Compatible with many popular balances and moisture analysers, including Ohaus™, METTLER TOLEDO™, Sartorius™, Denver Instrument™ and more
- Constructed of durable aluminium to hold up to lab uses

Cat. No.	Description	Qty
11754059		500

Cytiva Whatman™ Kjeldahl Analysis Weighing Boats, Grade 609



Key application: nitrogen analysis. Transfer your samples completely loss-free by simply dropping the entire weighing boat containing the sample into the acid solution in the Kjeldahl flask/digestion tube.

- Excellent for weighing and transferring Kjeldahl samples safely and reliably
- Dissolves residue-free in the digestion solution without influencing the analytical results in any way
- Made from very low nitrogen parchment paper without any glue or additives

Cat. No.	Qty
11393115	100

Fisherbrand™ Moisture Analyzer



The Fisherbrand MBS65 Moisture Analyzer is ideal for food or wastewater analysis, quality control protocols and agriculture.

- Large backlit LCD display and standard RS-232 port
- Easy-to-clean heating chambers ideal for frequent use and inexpensive maintenance
- Compact footprint designed to take up less laboratory space

Cat. No.	Qty
15305123	1

Thermo Scientific™ Orion Star™ A211 Benchtop pH Meter



Reliably measure pH, mV, ORP and temperature with the Thermo Scientific Orion Star A211 Benchtop pH Meter for advanced lab analysis and printer or computer interfacing.

- Plain language screen prompts, soft keys that update for easy selection
- Multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- AUTO-READ™ that locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals

Cat. No.	Description	Qty
11671449	Orion Star A211 benchtop pH meter TRIS kit with TRIS-compatible ROSS Ultra pH/ATC electrode	1
15661717	Orion Star A211 benchtop pH meter difficult sample kit with ROSS Sure-Flow pH electrode and ATC probe	1
12923257	Orion Star A211 benchtop pH meter durable sensor TRIS kit with TRIS-compatible ROSS Ultra epoxy-body pH/ATC electrode	1
15681717	Orion Star A211 benchtop pH meter food and beverage kit with Sure-Flow pH electrode and ATC probe	1

Thermo Scientific™ Orion Star™ A213 Dissolved Oxygen Benchtop Meter



Reliably measure dissolved oxygen (RDO optical/polarographic) and temperature with the Thermo Scientific Orion Star A213 RDO/DO Benchtop Meter for advanced lab analysis.

- Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- No need to worry about DO probe compatibility because the meter accepts and automatically recognises Orion polarographic and RDO optical/luminescence-based probes
- Accurate results are easy with automatic temperature, manual salinity and your choice of automatic or manual barometric pressure compensation

Cat. No.	Qty
11621459	1

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**Thermo Scientific™ Orion Star™ A214 Benchtop pH/ISE Meter**



Reliably measure pH, ion concentration, mV, ORP and temperature with the Thermo Scientific Orion Star A214 Benchtop pH/ISE Meter for advanced lab analysis and interfacing.

- Soft keys update for easy selection
- Samples can be mixed without a stir plate with direct control of the Orion Star stirrer probe (sold separately)
- Included electrode arm and newly designed probe holder make it easier to maintain and place probes into samples

Cat. No.	Description	Qty
11661459	Orion Star A214 benchtop pH/ISE meter kit with ammonia electrode and solutions, ROSS Ultra glass-body pH electrode, ATC probe, stirrer probe and stand	1
11681459	Orion Star A214 benchtop pH/ISE meter kit with ROSS sodium electrode and solutions, ROSS Ultra glass-body pH electrode, ATC probe, stirrer probe and stand	1
11651459	Orion Star A214 benchtop pH/ISE meter kit with ROSS Ultra glass-body pH electrode, ATC probe, stirrer probe, solutions and stand	1

**Thermo Scientific™ Orion Star™ A216 pH/Dissolved Oxygen Benchtop Multiparameter Meter**



Reliably measure pH, dissolved oxygen and temperature with the Thermo Scientific Orion Star A216 Benchtop pH/DO/RDO Meter for advanced lab analysis and interfacing.

- Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
- Don't miss a reading — AUTO-READ™ locks in the stable reading on your screen, 'ready' indicator alerts when readings are stable and timed reading gathers data in specific time intervals
- Up to five-point pH calibration with automatic recognition for USA/NIST™ and DIN buffers and calibration editing to fix errors without a complete recalibration

Cat. No.	Qty
11611469	1

**Thermo Scientific™ Orion Star™ A221 Portable pH Meter**



Reliably measure pH, mV, ORP and temperature with the Thermo Scientific Orion Star A221 Portable pH Meter for advanced field analysis with printer or computer interfacing.

- Measure pH, mV, relative mV or ORP with temperature
- Perform up to a five-point pH calibration using automatic buffer recognition of NIST or DIN buffer groups with choice to manually enter custom buffer values
- Informative, easy-to-read backlit graphic display with clear onscreen instructions simplifies operation

Cat. No.	Description	Qty
15612057	Orion Star A221 portable pH meter ORP kit with low-maintenance ORP/ATC electrode	1
15622057	Orion Star A221 portable pH meter food kit with ROSS Spear-Tip pH electrode and ATC probe	1
11641469	Orion Star A221 portable pH meter kit with ROSS Ultra Triode low maintenance gel pH/ATC electrode, solutions, meter armour and field case	1

**Fisherbrand™ accuMET™ AE150 Benchtop pH Meter**



Provides the essential functions needed for routine pH measurements without complicated features and processes at a budget-friendly price.

- One to five-point pH calibration
- Includes 13-620-AE6 3-in-1 single junction gel pH/ATC electrode
- Automatic buffer recognition with two pH buffer sets

Cat. No.	Qty
15544693	1

**Fisherbrand™ Traceable™ Conductivity, Resistivity and TDS Meter**



Provides direct digital readings of conductivity, resistivity and dissolved solids. Fisherbrand Traceable Conductivity, Resistivity and TDS Meters are ideal for measuring reagent-grade water to meet CAP, ASTM, NCCLS and ACS specifications as well as for measuring conductivity in chromatography, biology, food, electronics and water analysis. All readings automatically referenced to the international standard of 25°C.

- Bright, easy-to-read, 13mm LCD screen
- Can be used as handheld or benchtop meter

Cat. No.	Qty
11774216	1

**Fisherbrand™ Epoxy Corps Amber pH Electrode**



Offered in a variety of styles including different reference solutions and reference chambers, these electrodes feature a refillable outer reference reservoir that can be filled with any electrolyte compatible with the sample, including those fills recommended for non-aqueous measurements.

- Double junction reference is recommended for samples containing organic compounds, proteins, heavy metals or compounds that interact with silver (e.g. sulfide, bromide, iodide)
- All electrodes are available with a detachable lead or with a cable/connector attached
- Designed for all existing Brinkmann, Metrohm and Schott titration systems

Cat. No.	Qty
11715628	1

**Fisherbrand™ Penetration pH Electrodes**



- Gel electrolyte electrode for meat, cheese, fruit, paste, bread
- Longer life than a conventional electrode

Cat. No.	Qty
11850980	1

**Fisherbrand™ pH Electrode, BNC Connector**



General purpose pH electrode. Fisherbrand pH electrodes, BNC connector with 1m cable can be used for many common sample types, including aqueous samples and drinking water.

- Epoxy body construction
- Contains gel electrolyte

Cat. No.	Qty
11706358	1

**Thermo Scientific™ Orion™ Model 91-72 Sure-Flow pH Electrode**



Chemical resistant glass body combination electrode for clog-free measurements of soil, sludge, colloids and viscous material.

Cat. No.	Qty
10324811	1

**Thermo Scientific™ Orion™ 8104BN ROSS™ Combination Rugged Bulb pH Electrode**



Results three to five times more precise than those obtained with conventional electrodes. The 8104BN Ross Combination Rugged Bulb pH Electrode works in extreme cases of samples varying from one another by 50°C or more with drift less than 0.002 pH per day and minimised restandardisation.

- Material: glass body
- pH range: 0 to 14
- Temperature range: 0° to 100°C

Cat. No.	Qty
10054690	1

**Thermo Scientific™ Orion™ 8135BN ROSS™ Combination Flat Surface pH Electrode**



Stable readings to 0.01 pH in less than 30 seconds. Get results three to five times more precise than those obtained with conventional electrodes with the Thermo Scientific Orion 8135BN ROSS Combination Flat Surface pH Electrode.

- Material: Epoxy body
- pH range: 0 to 14
- Temperature range: 0° to 100°C

Cat. No.	Qty
10468932	1

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## Quality Control, Beyond the Standard

Measure pH and critical chemical parameters with speed and accuracy, with the easy-to-use Thermo Scientific™ Orion™ meters and ROSS™ electrodes.

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[eu.fishersci.com/go/thermoscientific](http://eu.fishersci.com/go/thermoscientific)

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**Thermo Scientific™ Orion™ 8103BN ROSS™ Combination Semi-Micro pH Electrode**



Receive stable readings to 0.01 pH in less than 30 seconds with the Thermo Scientific Orion 8103BN ROSS Combination Semi-Micro pH Electrode.

- Works in extreme cases of samples varying from one another by 50°C or more
- Drift is less than 0.002 pH per day, restandardisation is minimised
- Fits test tubes, measures samples as small as 0.2mL

Cat. No.	Qty
10191061	1

**Thermo Scientific™ Orion™ 8102BN ROSS™ Combination pH Electrode**



Get stable readings to 0.01 pH in less than 30 seconds with the Thermo Scientific Orion 8102BN ROSS Combination pH Electrode.

- Works in extreme cases of samples varying from one another by 50°C or more
- Drift is less than 0.002 pH per day, restandardisation is minimised
- The general purpose, top performance combination electrode

Cat. No.	Qty
10615261	1

**Thermo Scientific™ Orion™ 8103BN ROSS Ultra™ Refillable pH/ATC Triode™ Combination Electrodes for Orion Series Meters, Epoxy Body**



Measure biological media, pharmaceuticals, foods and more with Thermo Scientific Orion ROSS Ultra Refillable pH/ATC Triode™ Combination Electrodes.

- Epoxy body for durability and ruggedness
- Built-in ATC probe
- General-purpose applications

Cat. No.	Qty
10206993	1

**Thermo Scientific™ Orion™ ROSS Ultra™ Glass Triode™ pH/ATC Combination Electrodes**



No more waiting for pH readings to stabilise when measuring samples of varying temperatures. Our Thermo Scientific Orion ROSS Ultra Triode pH electrodes combine the stability, precision and speed of response of the ROSS Ultra line with integrated temperature measurement. Orion ROSS electrodes contain no silver or silver chloride and incorporate a double-junction design, which protects the sample from contamination and makes the electrodes compatible with TRIS buffers.

Cat. No.	Qty
12493617	1

**Thermo Scientific™ Orion™ ROSS™ Sure-Flow™ pH Electrode with Sure-Flow Junction, BNC Connector**



Measure general pH samples as well as viscous or colloidal samples with the Thermo Scientific Orion 8172BNWP ROSS Sure-Flow™ pH Electrode.

- Material: Glass body
- pH range: 0 to 14
- Temperature range: 0° to 100°C

Cat. No.	Qty
10101121	1

**Thermo Scientific™ Orion™ 9102DJWP Double Junction pH Electrode**

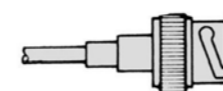


Work with the Thermo Scientific Orion 9102DJWP Double Junction pH Electrode, an accurate, reliable combination electrode with glass body.

- Includes: 60ml bottle of electrode fill solution, Orion 910008

Cat. No.	Qty
11772807	1

**Fisherbrand™ Connecting Cables**



- Connecting cable with BNC plug
- For combined ion-sensitive electrodes with solid membranes
- For use with agricultural samples, water analysis and calibration of ionic electrodes

Cat. No.	Qty
11746348	1

**Fisherbrand™ Traceable™ Conductivity Meter Pen**



Easy-to-use, waterproof conductivity meter designed for routine analysis and quality control. Simply turn on, insert and simultaneously read result and temperature.

- Tough, chemical-resistant, waterproof ABS plastic housing
- Easy-to-read 13mm LCD digits
- Dual display shows reading and temperature

Cat. No.	Qty
11714226	1

**Fisherbrand™ accuMET™ AET15 pH Tester**



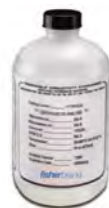
Large display screen — dual display LCD for enhanced readability, provides comprehensive meter information.

- Waterproof, dustproof housing — IP67 rated, maintains the integrity of your tester even in harsh conditions. Plus it floats!
- User-replaceable sensor — reuse the same meter body many times
- Double junction sensor offers longer lasting usage

Cat. No.	Qty
15553653	1



## Fisherbrand™ Traceable™ Conductivity Calibration Standards Certified Reference Material (CRM), NIST tested



Use NIST-traceable reference materials for the highest accuracy available. Traceable™ Conductivity Calibration Standards Certified Reference Material (CRM) offer easy calibration with included instructions and temperature chart.

Accuracy at 25°C is ( $\pm 0.25$  microsiemens for 1, 5, 10 microsiemens solution or  $\pm 0.25\%$  for other solutions) or the uncertainty shown on the certificate, whichever is greater.

Cat. No.	Description	Qty
11754226	Conductivity 100 $\mu$ S	1

## Fisherbrand™ Traceable™ One-Shot™ Conductivity Calibration Standards Certified Reference Material Producer (CRM)



Ideal for lab or field applications. Single-use conductivity standards calibrate all conductivity meters and probes for maximum accuracy. Eliminate concern about external container contamination. Calibration is made in the standard vial.

- Traceable to NIST (National Institute of Standards and Technology)
- Accuracy: certificate stated uncertainty or  $\pm 0.25$  microsiemens or  $\pm 0.25\%$
- 100% compatible with all conductivity meters

Cat. No.	Description	Qty
11714256	Conductivity 5 $\mu$ mhos	6

## Fisherbrand™ Universal pH Indicator Paper



Provided with a colour table to determine colour change.

- Dispenser roll with indicator strips 5m long
- pH range from 1 to 14

Cat. No.	Qty
10482341	4

## Fisherbrand™ Traceable™ pH Buffer Standards, Certified Reference Material (CRM)



Manufactured to a IUPAC formulation.

- Compatible with all makes and instruments and electrodes
- Accuracy at 25°C is  $\pm 0.010$  pH

Cat. No.	Description	Qty
11754256	pH 7.0	1

## Fisherbrand™ Traceable™ ISO Guide 34 Colour-Coded CRM pH Buffers (Certified Reference Material)



Perform accurate, reproducible pH calibrations with colour-coded bottles.

- Certified Reference Material (CRM) solutions meet all test requirements for federal, state and local agencies
- 100% compatible with all makes of pH instruments and electrodes
- Long-term buffer stability and buffer resistance to temperature changes during pH meter calibration

Cat. No.	Description	Qty
15508703	pH 7.000	1

## Thermo Scientific™ Orion™ pH Buffer Bottles



Perform accurate, reproducible pH calibrations with colour-coded Thermo Scientific Orion pH Buffer Bottles.

- pH/temperature tables printed on labels for accurate calibrations and NIST™ traceability
- Manufactured under ISO 9000 quality standards

Cat. No.	pH	Colour	Qty
10520164	1.68	Colourless	475mL
10759161	4.01	Red	475mL
10653951	7.00	Yellow	475mL
10213021	10.01	Blue	475mL
10114234	12.46	Colourless	475mL

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## Quality Control, Beyond the Standard

Drive accuracy, consistency and increased productivity for your titration work, with the Thermo Scientific™ Orion™ Star T900 Potentiometric Titrator.

Find out more at:  
[eu.fishersci.com/go/thermoscientific](http://eu.fishersci.com/go/thermoscientific)

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## Thermo Scientific™ Orion™ ROSS™ All-in-One™ pH Buffer Kit



Maintain pH electrodes more effectively with Thermo Scientific Orion ROSS All-in-One™ pH Buffer Kits.

Kit includes one each:

- One 475mL bottle of pH 4.01 buffer
- One 475mL bottle of pH 7.00 buffer
- One 475mL bottle of pH 10.01 buffer
- One 475mL bottle of ROSS pH electrode storage solution
- One 60mL bottle of general pH electrode cleaning solution
- 12mm diameter pH electrode storage bottle

Cat. No.	Qty
10669508	1 Kit

## Thermo Scientific™ Orion™ pH Electrode Cleaning and Storage Solutions



Restore proper electrode performance and prolong electrode life using Thermo Scientific Orion pH Electrode Cleaning and Storage Solutions in ready-to-use bottles.

Storage solution ensures that the pH electrode works properly after prolonged storage, overnight storage and between samples.

- Bottles of the ready-to-use cleaning solutions include a small beaker to hold the cleaning solution and a plastic pipette to remove the old electrode filling solution

Cat. No.	Description	Qty
12073363	ROSS pH Electrode Storage Solution	475mL
11986069	pH Electrode Storage Solution	475mL

## Thermo Scientific™ Orion™ Standard All-in-One™ pH Buffer Kit



Work with ease using this colour-coded pH buffer kit that includes three buffers, storage solution and a storage bottle.

- pH buffers with temperature tables on the labels for accurate calibrations and NIST™ traceability
- Manufactured under ISO 9000 quality standards
- Colour coded buffers: pH 4.01 buffer is pink; pH 7.00 buffer is yellow; and pH 10.01 buffer is blue

Cat. No.	Qty
10432062	1 Kit (4 x 475mL bottles)

## Fisherbrand™ Isotemp™ Cooling/Heating Recirculating Chiller, 230V 50Hz



- Full range heating and cooling from -10°C to +80°C
- Small reservoir ensures fast temperature response time
- Small footprint
- Quiet operation

Cat. No.	Qty
11336661	1

## Fisherbrand™ Isotemp™ R20 Refrigerated and Heated Bath Circulators



For laboratory and industrial applications. Low-profile model enables easy bath access when lab counter height presents a challenge. Seamless stainless-steel tanks guarantee durability and easy cleaning. Robust refrigeration system ensures that samples and applications can be cooled quickly. Fine-tuned refrigeration metering allows for excellent temperature stability at all times.

- All bath drains are located on the front of the unit with an integrated valve

Cat. No.	Qty
11366641	1

## Fisherbrand™ ECO 25 Thermoreactor for COD Analysis



Enables the user to determine parameters such as COD, nitrogenous and phosphorated compounds. The Fisherbrand ECO 25 Thermoreactor for COD Analysis enables the preparation of samples by way of wet digestion for determining metallic and non-metallic elements in organic and inorganic materials.

- COD analysed in just 30 minutes
- Acoustic signal and automatic switch-off at the end of each cycle
- Five working selectable temperatures: (70°, 100°, 120°, 150° and 160°C)

Cat. No.	Qty
11751304	1

## Fisherbrand™ Microbead Steriliser



Ideal for sterilising small research tools including forceps, scissors, scalpels etc. Eliminates the danger of open flames by heating included glass beads to 300°C, eliminating bacteria, spores and other microorganisms.

- Digital control, up to 300°C
- Sterilises forceps, needles and other tools
- Chamber temperature is viewed on large LCD control panel: outer casing stays cool to the touch

Cat. No.	Qty
16391328	1

## Fisher Scientific Webinar programme

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Fisherbrand™ Portable Demineralizer



Delivered with connections, 4m of pipe, stop valve, screws and bolts, quick coupler, flow rate valve and reducer of pressure. The Fisherbrand Portable Demineralizer is delivered assembled and works without electricity.

- Conductivity 0.3 to 2µS/cm
- Flow rate up to 150L per hour
- Maximum pressure : 4 bar at ambient temperature

Cat. No.	Qty
11924169	1

Fisherbrand™ Accu20 Ultrapure Water System



The Fisherbrand Accu20 Ultrapure Water System produces Type I ultrapure water and RO water on demand from tap water directly.

- No additional pre-treatment filters needed
- Equipped with safeguard AccuDuo P pack cartridge and dual-column AccuDuo U Pack ultrapurification cartridge to ensure optimum quality of final product water
- No external storage tank required, which eliminates risk of water degradation by contaminants from container or tubing

Cat. No.	Qty
15489689	1

Thermo Scientific™ Barnstead™ Smart2Pure™ Water Purification System



Convert tap water to both ASTM Type 1 and Type 2 water with the compact, all-in-one Thermo Scientific Barnstead Smart2Pure Water Purification System.

- Water purification progresses through independent cartridges with Aquastop quick connects for fast replacement
- Dispensing is easy and features variable speed to control flow
- The display can be tilted for optimal reading
- Optional UV bulb and UF ultrafilter are available to customise ultrapure water

Cat. No.	Description	Qty
13237449	Internal 6L tank with vent filter, RO/pretreatment cartridge, ultrapure polisher cartridge, sterile 0.2µm filter, pressure regulator, UV lamp and UF filter	1
11367021	Internal 6L tank with vent filter, RO/pretreatment cartridge, ultrapure polisher cartridge, sterile 0.2µm filter, pressure regulator and UV lamp	1

Fisherbrand™ Isotemp™ General Purpose Deluxe Water Baths



Ideal for industrial, clinical pharmaceutical or biomedical applications, Fisherbrand Isotemp general purpose deluxe water baths provide powerful technology in a compact design. Available in a variety of sizes to meet a wide range of application requirements, the Isotemp water baths are designed to provide consistent temperature for reliable results with easy-to-use operation.

- Smaller footprint, compared to previous models
- Advanced temperature controller is designed for extended functionality
- New audible alarms

Cat. No.	Qty
15375877	1

Thermo Scientific™ Precision™ Circulating Water Baths



Achieve outstanding temperature uniformity for your samples with perimeter-directed water flow with these Precision Circulating Water Baths. Featuring advanced temperature controller.

- Achieve enhanced temperature uniformity with perimeter-directed water flow
- Easily clean and maintain bath with coil-free internal design
- Optimise scheduling with auto-on and auto-off timers

Cat. No.	Capacity, L	Qty
15345867	35	1
15355867	89	1

Thermo Scientific™ Precision™ Coliform Water Baths



Support your faecal coliform testing with coliform water baths, designed specifically for this application. Baths are preset to optimal temperatures for easy use.

- Temperature controller provides ±0.05°C uniformity and ±0.1°C stability with stainless-steel gable cover
- Achieve outstanding temperature uniformity with perimeter-directed water flow
- Easily clean and maintain bath with coil-free design

Cat. No.	Capacity, L	Qty
15305877	19	1
15305877	35	1

Thermo Scientific™ Precision™ General Purpose Baths



Support a wide range of applications with general purpose water baths, designed to maintain temperature from ambient to 100°C. High-performance baths range from 2L to 28L.

- Free up valuable bench space with smaller footprint, compared to previous models
- Advanced microprocessor controller is designed for extended functionality
- Protect your work with audible alarms

Cat. No.	Qty
15385857	1

## Fisherbrand™ Q700 Sonicator with Probe



Use this high powered sonicator for any application and sample volume. Fisherbrand Sonicators are ideal for cell disruption, nanoparticle dispersion, DNA shearing/ChIP and homogenisation.

- 700W
- Touchscreen control
- 10 programmable memories

Cat. No.	Qty
12931151	1

## Fisherbrand™ Gravity Convection Oven



General purpose oven for basic drying and heating applications.

- Stainless-steel interior
- Two wire shelves included as standard
- Maximum temperature 250°C
- Over-temperature protection

Cat. No.	Qty
15805911	1

## Thermo Scientific™ Heratherm™ Refrigerated Incubators



Offers precise temperature control, increased energy efficiency and ease of usability. Equipped with Peltier technology to reach and maintain the precise ambient temperatures you need for reliable results.

- Temperature range 5-70°C
- Available in two sizes: 178L and 381L
- Great temperature uniformity and stability to keep the samples in a safe environment -> uniformity as low as +/-0.3°C (20°C), stability as low as +/-0.1°C

Cat. No.	Description	Qty
15608540	IMP180 Benchtop Model	1
15689408	IMP180 Floor Model	1
15662079	IMP400 Floor Model (interior electrical outlet)	1
15618540	IMP400 Floor Model (exterior electrical outlet)	1

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## BINDER™ Avantgarde.Line Model BD260 Standard Incubator, 253L



Temperature range: ambient +5°C to 100°C

- High temperature accuracy due to APT.line™ technology
- Natural convection
- Controller with LCD display

Cat. No.	Qty
15612126	1

## BINDER™ Avantgarde.Line Series Model BD115 Standard Incubator, 112L



Temperature range: ambient +5°C to 100°C

- High temporal and spatial temperature accuracy
- High process reliability
- 100°C disinfection routine

Cat. No.	Qty
15602126	1

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BINDER constant climate chambers, vacuum drying ovens, cooled incubators

[eu.fishersci.com/go/binder](http://eu.fishersci.com/go/binder)

## BINDER™ Series KBF-S Solid.Line Humidity Test Chamber



The BINDER Series KBF-S Solid.Line Humidity Test Chamber, with a corrosion and condensation-free interior for ensuring stable temperature and moisture levels, is ideal for long-term and accelerated stability testing of pharmaceutical products.

- Temperature range: 0°C to 70°C
- Humidity range: 20% to 80% RH
- APT.line™ preheating chamber technology

Cat. No.	Capacity, L	Qty
15986482	247	1
16378975	700	1

## BINDER™ Series KBF 240 Constant Climate Chamber, 247L



The constant climate chambers in the KBF series operate within a temperature range of between 0°C and 70°C and a humidity range of between 10% RH and 80% RH.

- APT.line™ preheating chamber technology
- Humidity regulation with capacitive humidity sensor and vapour humidification
- Intuitive touchscreen controller with time-segment and real-time programming

Cat. No.	Qty
15671479	1

## BINDER™ KBF 720 Constant Climate Chamber, 700L



Temperature range: 0°C to 70°C; Relative Humidity (RH): 10 to 80%.

- APT.line™ preheating chamber technology
- Humidity regulation with capacitive humidity sensor and vapour humidification
- Intuitive touchscreen controller with time-segment and real-time programming

Cat. No.	Qty
15503577	1

## BINDER™ KB Series Refrigerated Incubators with Compressor Technology



- Temperature range: -5 to 100°C
- APT.line™ preheating chamber technology
- Up to 30% lower energy consumption compared to the previous models

Cat. No.	Capacity, L	Qty
15659528	115	1
15629528	247	1

## BINDER™ VD 115 Vacuum Drying Chamber for Non-Flammable Solvents, 119L



VD series vacuum drying chambers with precise temperature control and gentle drying.

- Temperature range: ambient temperature +10°C to +220°C
- Controller with digital display of pressure and temperature
- Program-controlled drying monitoring with automatic ventilation at end of process

Cat. No.	Qty
16656483	1

## Food, Beverage & Dairy Industries

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## New Brunswick Innova™ Benchtop Open Air Shaker from Eppendorf



Use these platform shakers for shaking in ambient conditions on the bench or in a warm or cold room. New Brunswick Innova Benchtop Open Air Shakers offer a “quick-change” platform kit for frequent platform changes; enables snapping platforms in place without tools.

- Triple-eccentric counterbalanced drive in cast iron housing provides vibration and trouble free operation for years
- Enclosed electronics and mechanical components prevents damage by spills
- Many platform types, holders for various flasks (up to 6L), test tubes, microplates and racking systems are available

Cat. No.	Orbit, cm	Height, cm	Qty
11329834	1.9	14.6	1
11369834	5.1	16.3	1
11349834	1.9	16.3	1

## Fisherbrand™ Wrist Motion Shakers

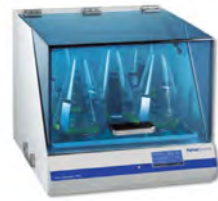


Designed to simulate the back and forth motion of the human wrist.

- Adjustable 0-15° mixing angle
- Adjustable side arm clamps can accommodate up to eight flasks (500mL or smaller)
- Load capacity of up to 4.5kg with overload protection

Cat. No.	Qty
15544070	1

**Fisherbrand™ Shaking Incubator with Flat Mat Platform**



The Fisherbrand Shaking Incubator with Flat Mat Platform is a shaking incubator for flasks and tubes.

- High flask capacity
- Touchscreen control
- Patented magnetic flask attachment

Cat. No.	Qty
16333226	1

**Thermo Scientific™ Cimarec+™ Stirring Hotplates Series**



Get precise stirring control, exceptional safety and temperature performance for your routine protocols.

- Stir-Trac features innovative engineering for slow-speed stirring, consistent speed control and strong magnetic coupling
- Temperature adjustable in 1 degree increments
- 'Hot Top' warning system protects from accidental burns with prominent display when heating surface is above 50°C (122°F)

Cat. No.	Qty
15413610	1

**Thermo Scientific™ Digital Vortex Mixers**



Accurate and efficient sample mixing. Designed with accurate speed control for continuously mixing or pulsing samples.

- Digital display of speed and time
- 'Continuous' and 'Touch' modes
- Speed range: 0 to 3000rpm

Cat. No.	Qty
16534622	1

**Fisherbrand™ Acrylic Desiccator Cabinets**



Dust and moisture-free storage in refrigerators and freezers and on benchtops.

- Ideal for storing anhydrous and hygroscopic biological and chemical compounds, as well as electronic assemblies and any components requiring controlled storage conditions
- Neoprene gasket on door ensures tight seal
- Door is secured with two stainless-steel latches (large size has three latches) and full-height hinge

Cat. No.	Qty
11917874	1

**Thermo Scientific™ Cimarec+™ Stirrer Series**



Our new Thermo Scientific Cimarec+™ series digital stirrers offer precise stirring control for your routine protocols.

- Top plate choices in ceramic or aluminium
- Easy-to-read LED display for stirring
- Raised display design protects electronics from spills

Cat. No.	Qty
15403610	1

**Fisherbrand™ ARE Hot Plate Stirrer, 370°C, Aluminium**



Stirring range 1500rpm; size 15mm diameter.

- Uniform heat distribution with coated aluminium alloy heating plate
- Excellent resistance to chemicals
- Maximum temperature 370°C

Cat. No.	Qty
15349654	1

**Fisherbrand™ Classic Vortex Mixer**



Combines the highest performance ratings in terms of speed, with excellent reliability and safety. The Fisherbrand Classic Vortex Mixer includes two operating modes, the possibility to change the vibration frequency and a wide range of accessories.

- Compact in height and area
- Stability is optimised with selection lever related to operating mode
- Three anti-slip rubber feet for staying in required position

Cat. No.	Qty
11726744	1

**Fisherbrand™ S-Series Heated Ultrasonic Cleaning Bath**



Designed with state-of-the-art microprocessor controlled ultrasonic cleaning and sweep technology. Fisherbrand S-Series Ultrasonic Cleaners offer a comprehensive range of analogue ultrasonic baths covering the requirements for laboratory research, sonochemistry and degassing applications.

- Long lifespan from cavitation resistant stainless-steel tanks
- LED display showing set and remaining time and pre-set and actual temperature
- Ergonomically shaped plastic carrying handles

Cat. No.	Qty
10162372	1

## Fisherbrand™ FB5 Rotary Vane Vacuum Pump



FB5 Rotary vane vacuum pump, two-stage, with oil mist separator and hose nozzle.

- For general purpose vacuum applications in the lab or industry
- Achieves a final pressure of approximately 10<sup>-3</sup> mbar
- Use stand-alone or in front of additional high-vacuum pumps

Cat. No.	Qty
16234611	1

## Fisherbrand™ FB70155 Pump



Oil-free piston pump. Fisherbrand FB70155 Pump is designed for general duty laboratory applications requiring only rough vacuum or moderate pressure.

- Tough, lightweight, plastic housing with integral carrying handle
- Water jet or aspirator replacement for general duties
- Lightweight, compact, portable, standard-duty operation

Cat. No.	Qty
11533485	1

## Fisherbrand™ Polytetrafluoroethylene Diaphragm Vacuum Pump



Use these chemically resistant pumps for applications involving aggressive solvents and acidic vapours. Fisherbrand Polytetrafluoroethylene Diaphragm Vacuum Pumps and connection heads are carbon fibre reinforced to provide electrical conductivity and prevent electrostatic charging.

- Replacement for rotary vane pumps and water aspirators, especially in rough vacuum applications where corrosive vapours are encountered
- Pump heads are made from PTFE with carbon fibre reinforcing to handle corrosive and aggressive vapours without damage

Cat. No.	Qty
12981131	1

## Fisherbrand™ Traceable™ Thermometer/Clock/Humidity Monitor



Measures ambient temperature, relative humidity and tells time. Fisher Scientific Traceable Thermometer/Clock/Humidity Monitors are designed for easy operation, accuracy and reliability in industrial, educational, hospital and government labs. They are ideal for use in incubators, storerooms, drying chambers, hoods, cleanrooms, environmental cabinets and general lab applications.

- Three-line LCD display with 13mm high digits
- Dual ranges: 0° to 50°C and 32° to 122°F
- Flip-down easel for desktop use

Cat. No.	Qty
11725843	1

## Fisherbrand™ Digital Thermometers with Stainless-Steel Probe on Cable



Easy-to-read digital thermometers are compact to hold in your hand or mount on wall in restricted areas.

- Stainless-steel probe is chemically resistant to most acids, bases and solvents
- May be used to measure temperature of gases, liquids, foods and other semi-solids

Cat. No.	Qty
11715843	1

## Fisherbrand™ Traceable™ Infrared Dual Lasers Thermometer with Type K Probe



With two laser sightings for accuracy.

- Simple operation — turn on, point at sample and take a reading in less than a second
- Dual lasers indicate outer diameter of the surface area being measured; white LED light illuminates the surface
- Reads both Celsius and Fahrenheit of any surface — solids, semisolids and liquids

Cat. No.	Qty
11739785	1

## Fisherbrand™ Stainless-Steel Test Sieve with Woven Wire Mesh



Made from stainless-steel and available in a wide variety of sizes.

- 100mm and 200mm diameter test sieves with stainless-steel frame and woven wire mesh
- Supplied with Certificate of Conformity and record card
- Additional mesh sizes and diameter sieves available — please contact Customer Service for details

Cat. No.	Qty
11567552	1

## Fisherbrand™ Cell Density Meter



Robust, easy-to-use instrument dedicated to the measuring of the density of cells in suspension such as *E. coli*, yeast, cells and other cell cultures.

- Single beam LED cell density meter measures OD at 600nm
- Small, portable, with rechargeable battery
- Long lifetime LED source with little maintenance needed

Cat. No.	Qty
11899283	1

## Fisherbrand™ Digital Colorimeter



For quick and easy colorimetric measurement of solutions and liquids.

- Digital colorimeter
- With 240V transformer and filters
- Wavelength range 400nm to 700nm

Cat. No.	Qty
11528092	1

## Merck Smplicity™ G2 Filtration System



Vacuum filtration system using Millex™ filters for sample preparation for HPLC.

For chromatographers who filter dozens of samples a day through Millex syringe filters, especially for hard-to-filter, viscous or particulate-laden samples, traditional filtration can lead to manual fatigue and even repetitive stress injury.

- Smplicity G2 Filtration System adds a simple adapter funnel to standard Millex 33mm filters
- Enables easy, vacuum-driven filtration
- Filters up to eight samples at once, directly into HPLC vials

Cat. No.	Colour	Qty
15636464	Bold Blue	1
15646464	Glossy Green	1

## Merck Millex™ Filters for the Smplicity™ G2 System



The Smplicity G2 Filtration System is an innovative new technology that provides a convenient, high throughput alternative to syringe-tip filters when preparing samples for chromatography.

- Easy-to-use, vacuum-driven system with flexibility to filter one to eight samples directly into standard HPLC vials
- Filters for the system are available in 0.20µm and 0.45µm pore sizes with Durapore™ PVDF, Millipore Express™ PLUS PES or nylon membranes
- Uses a simple adapter funnel with standard Millex 33mm filters
- For non-sterile sample filtration prior to UHPLC, HPLC and mass spec or filtration of hard-to-filter samples

Cat. No.	Material	Pore Size, µm	Qty
16621734	Nylon	0.20	250
16681734	Nylon	0.45	250
16641734	PES	0.22	250
16601744	PES	0.45	250
16661734	PVDF	0.22	250
16621744	PVDF	0.45	250
16329055	Hydrophilic PTFE	0.20	250
16319055	Hydrophilic PTFE	0.45	250

## Fisherbrand™ ST-30C Series Rear-Facing Stereo Microscope



The ST-30C Series Rear-Facing Stereo Microscope works with the innovative cordless LED illumination or conventional tungsten lighting system.

- 45° Inclined rear-facing binocular head with dioptre adjustment on left eyetube
- Widefield eyepieces 10X/20mm
- 2X/4X magnification changer

Cat. No.	Qty
11702656	1

**Smplicity™ G2 Filtration System for HPLC Samples**

The better way to use Millex™ filters

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Fisher Chemical™ Aqualine™ for Karl Fischer Titration By Volumetry



Fisher Chemical Aqualine reagents are designed for water content analysis by Karl Fischer titration. Our reliable Aqualine reagents provide fast and stable endpoints to ensure accurate results.

- Aqualine volumetric range for high water content analysis available in one or two component solution
- Aqualine coulometric range for low water content at ppm level
- Aqualine water standards for Karl Fischer titrator calibration packed in glass ampoules

Cat. No.	Qty
10181570	1L

Fisher Chemical™, Trace Metal™, for Trace Metal Analysis



Trace elemental analysis of drinking water, fish and other food stuffs requires high purity reagents for accurate results.

Fisher Chemical offers the grade of acid to suit your analysis – whether you're using AAS, ICP-OES or ICPMS.

- Fisher Chemical Optima™ Acids
- Fisher Chemical TraceMetal™ Acids
- Fisher Chemical Primar Plus™ Acids
- For Analysis, AR Acids

Cat. No.	Qty
11365830	500mL
11395780	500mL

Fisher Chemical™ Buffer Solutions, NIST™, Standard Solution Ready-to-Use for pH Measurement



Ready-to-use for pH measurement. Each solution is easily identified by its colour, saving time and reducing errors.

Our buffer solutions are a high-quality and reliable range of products that ensure accurate results for calibration/ titration.

- Standard and colour-coded buffer solutions
- Manufactured to a tolerance of ±0.02 pH units
- Accurately standardised and labelled with lot-specific pH at 20°C

Cat. No.	Description	Qty
10545151	pH 4.00	500mL
10082521	pH 7.00	500mL

Fisher Chemical™ for HPLC



Diverse user requirements have led us to develop a series of Fisher Chemical solvents and reagents that meet the needs of specific chromatography instrumentation.

To support the many different applications we offer a diverse range of solvents, all specified and tested for HPLC.

Cat. No.	Qty
10365710	1L

Fisher Chemical™, HPLC for Gradient Analysis



The certified performance of Fisher Chemical solvents and blends offers the most reliable solutions for today's scientist, running chromatography analysis in the food and beverage industry.

Our range of solvents and blends is designed to deliver reproducible performance for determination of the presence of aflatoxins or mycotoxins, and the components and concentration present in the finished product.

Cat. No.	Qty
10367171	1L

Fisher Chemical™ Optima™ LC-MS



For consistent, reproducible performance in the mobile phase of LC-MS, choose Optima LC-MS Solvents, Mobile Phase Blends, Reagents and additives.

- Higher signal intensity and lower metal ion content (up to 17 metals level tested)
- Innovative LC-UV Gradient test with Photo Diode Array detector
- Sub-micron filtration for maximum purity

Cat. No.	Qty
10229884	1L

Fisher Chemical™, SLR, Extra Pure



The Fisher Chemical portfolio includes reagents suitable for analysis of fat, determination of protein and acidity for dairy samples such as milk, cheese and yogurt, using methods such as:

- Fat analysis
- Nitrogen content (protein) determination
- pH and acidity

Cat. No.	Qty
15938916	1L

Fisher Chemical™ GC Headspace



The food and beverage industry requires gas chromatography (GC) analysis to detect flavors and fragrances and to determine contaminants like pesticide residues.

The Fisher Chemical GC Headspace solvents are performance tested to ensure low organic contaminants, facilitating the extraction of volatile organic impurities.

Cat. No.	Qty
15572393	1L

Thermo Scientific™ Sterilin™ Autoclave Bags



Sterilin Autoclave Bags are strong disposable bags with blue biohazard printing specifically designed for contaminated waste disposal in autoclaves or incinerators.

- HDPE bags are suitable for sterilisation at 121°C and polypropylene bags are suitable for the inactivation of particularly resistant biological waste at 135°C
- Convenient tissue-box cartons dispense bags individually
- Coated wire stands or cardboard holders available for use with autoclave bags

Cat. No.	Description	Dimensions (L x W), mm	Qty
11399093	Autoclave bags (HDPE)	305 x 660	200
11369103	Autoclave bags (PP)	601 x 406	500
11309103	Autoclave bags (HDPE)	610 x 406	200
11369103	Autoclave bags (PP)	601 x 406	500
11389103	Autoclave bags (PP)	610 x 406	200
11844145	Autoclave bags (HDPE)	610 x 406	500
11379103	Autoclave bags (PP)	660 x 305	200
11359103	Autoclave bags (HDPE)	660 x 305	500
11349103	Autoclave bags (PP)	660 x 305	500
11339103	Autoclave bags (HDPE)	810 x 610	200
11329103	Autoclave bags (PP)	810 x 610	200

S.C.A.T™ MARCO Safety Funnel with Lid V2.0



Can be safely closed and prevent danger of ignition.

- A modern lid funnel made of high-quality HDPE with extremely high resistance to acids, alkalis and many chemicals
- The integrated gripping edge on the funnel lid increases the grip without having to touch the lid
- The innovative funnel lid with integrated sealing ring closes the funnel edge and prevents the escape of explosive or health-endangering gases

Cat. No.	Stopper Number	Description	Qty
16629095	S50	Lance: No	1
16862140	S50	Lance: Yes	1
16822130	S51	Lance: No	1
16842140	S51	Lance: Yes	1
16699085	S55	Lance: No	1
16822140	S55	Lance: Yes	1
16812140	S60/61	Lance: Yes	1
16689085	S60/61	Lance: No	1
16619095	S65	Lance: No	1
16852140	S65	Lance: Yes	1
16609095	GL45	Lance: No	1
16832140	GL45	Lance: Yes	1

Protective Disposable Facemask, Certified High Quality



High quality CE marked Class I medical device facemasks, certified under EU Directive MDD 93/42/EEC and EN14683:2019 compliant. These latex-free polypropylene 3-ply pleated masks with earloops provide excellent fit with adjustable nose seal for extra security. Fully certified, quality guaranteed.

- Disposable, single-use protection
- Nonwoven polypropylene outer layer
- Thermally bonded nonwoven polypropylene inner layer
- Ear loops and a soft, flexible, internally wired upper seam for a comfortable snug fit around the nose

Cat. No.	Qty
16594994	50

Fisherbrand™ Women's Poly/Cotton Lab Coats



Generously sized for comfort with a belted back.

- Made of 65/35 polycotton
- One outside left breast pocket, two outside lower pockets
- Standard pointed collar

Cat. No.	Qty
15827101	1

Fisherbrand™ Men's Poly/Cotton Lab Coats



With front gripper closures.

- Made of 65/35 polycotton
- One outside left breast pocket, two outside lower pockets
- Standard pointed collar

Cat. No.	Qty
15817091	1

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Visit and Bookmark our **New Help & Support Center**

We've launched our new Help & Support Center to help you maximise our website capabilities. Look for the Help & Support Center link in both the header and footer of the site, under Customer Support.

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Find out more on: [eu.fishersci.com](http://eu.fishersci.com)

## Fisherbrand™ Unisex Cotton Lab Coats



Open cuffs provide comfortable and unrestrictive fit.

- Made of 100% cotton
- One outside left breast pocket, two outside lower pockets
- Standard pointed collar

Cat. No.	Qty
15807111	1

## FFP2 Disposable Respirator Face Mask



FFP2 disposable respirator face mask to protect against inhalation of droplets and particles. Available with or without exhalation valve.

- Polypropylene outer layers
- Cup shaped
- 16635042 is without valve

Cat. No.	Qty
16635042	20

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