

# Diagnostic & Testing Lab Workflow

Find all you need for your Research and Production of Diagnostic Testing, Medical Devices and Environmental Analysis





The Fisher Scientific channel is here to support the entire Diagnostic & Testing Laboratory whether you are involved in production, quality control and research or diagnostic tests 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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## Research and Development - Lab Equipment

- Centrifuge and Microcentrifuges
- Chromatography Vials, Caps and Closures
- Climate Chambers
- Covid-19 Pathogen Detection
- Filtering Holders & Hardware
- Microplate Readers and Washers
- pH and Electrochemistry
- Pumps & Tubings
- Refrigerators, Freezers & Cryogenics
- Water Purification

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



### Top Equipment & Instrumentation for Industry

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## Research and Development - Lab Consumables

- Centrifuge Tubes
- Filtration
- Glassware & Plasticware
- Samplers, Spatulas, Utensils
- Stomachers Blender Bags
- Thermometers
- Tubes & Vials
- Tubings

Buffers Reagents Chemicals  
Transfer Pipettes

Pipette Tips  
Dropper Bottles

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



### Top consumables industry

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## Pre Production Phase & Coating

- Antibodies
- Buffer & Reagents
- Cell Factories
- Incubators
- Biotainers
- Plates and Modules

|                        |                   |                            |
|------------------------|-------------------|----------------------------|
| Abnova                 | Bürkle            | Lauda                      |
| Affymetrix eBioscience | Corning           | Macherey Nagel Bioanalysis |
| Applied Biosystems     | Cytiva            | Memmert                    |
| Axygen                 | Electrothermal    | Merck Millipore            |
| Azlon                  | Eppendorf         | MP Biomedicals             |
| BD Biosciences         | Fisherbrand       | Ohaus                      |
| Binder                 | Gibco             | Stemcell Technologies      |
| Biotek Instruments     | Grant Instruments | Techné                     |
| Brand                  | IKA               | Thermo Scientific          |
|                        | Invitrogen        |                            |

## Quality Control and Microbiology

- Diagnostic Tests & Controls
- 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       | Techné            |
| Corning            | Invitrogen         | Thermo Scientific |
| Cytiva             | Microgen           |                   |
| Cytiva Hyclone     | Microspec          |                   |

Also bulk biologicals and consumables on demand

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## Chemicals, Bioreagents

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

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

Bulk chemicals on demand

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## Filling & Assembly

- Diagnostic Bottles
- Packaging Bottles
- Micropackaging Vials
- Transfer Pipettes

|                    |             |                   |                   |
|--------------------|-------------|-------------------|-------------------|
| Abgene             | Corning     | Kautex            | Saint Gobain      |
| Applied Biosystems | Duran       | Kimble Chase      | Performance Plast |
| Axygen             | Eppendorf   | Labcon            | Samco             |
| Azlon              | Finnpipette | Matrix Scientific | Sartorius         |
| Azpack             | Fisherbrand | Mbp Molecular     | Simport           |
| Bel-Art            | Gosselin    | BioProducts       | Sterilin          |
| Brand              | Hamilton    | Nalgene           | Thermo Scientific |
| Bürkle             | Hirschmann  | Nunc              | Wheaton           |
| Chromacol          | Invitrogen  | Pyrex             |                   |
|                    | Kartell     | Restek            |                   |

## Safety, PPE and Cleanroom

- Autoclaves & Sterilisers
- Controlled Environments & Cleanroom
- Fume Hoods
- Gloves
- Lab Coats, Aprons & Apparel
- Safety Cabinets
- Sterilisation Verification Indicators
- Wipes, Towels & Cleaning

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

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COVID-19 safety PPE

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### Applied Biosystems™ QuantStudio 5 package



With built-in security features, locked workflows, user account management and options for Web browser-based or desktop analysis, the QuantStudio 5 Real-Time PCR System helps connect you to your data more easily than ever before and offers uncompromising performance and quality.

- 96-well thermal blocks: either 0.1mL or 0.2mL well volume or 384-well thermal blocks
- Half day or full day SmartStart Orientation<sup>o</sup> training
- Without PC as a stand alone unit with touch screen or an additional laptop or tower PC to fit the labs needs
- Selection of additional warranty cover depending on the users needs

| Cat. No                               | Includes   | Warranty   | Qty |
|---------------------------------------|------------|--|-----|
| <b>Thermal Block Formats: 96 well</b> |            |  |     |
| 15751198                              | PC: Laptop | 1 year manufacturer's + 1 year extended warranty (no planned maintenance)          | 1   |
| 15771208                              | PC: Laptop | 1 year manufacturer's + 3 year extended warranty (no planned maintenance)          | 1   |
| 15701248                              | PC: Laptop | 1 year manufacturer's + 3 year extended warranty (with 1 planned maintenance/Year) | 1   |
| 15771198                              | PC: Tower  | 1 years manufacturer's + 1 year extended warranty (no planned maintenance)         | 1   |
| 15701208                              | PC: Tower  | 1 years manufacturer's + 1 years extended warranty (1 planned maintenance)         | 1   |
| 15791208                              | PC: Tower  | 1 year manufacturer's + 3 year extended warranty (no planned maintenance)          | 1   |
| 15721238                              | PC: Tower  | 1 year manufacturer's + 3 year Field Service repair (no planned maintenance)       | 1   |
| 15711258                              | PC: Tower  | 1 year manufacturer's + 3 year extended warranty (with 1 planned maintenance/Year) | 1   |
| 15781208                              | No PC      | 1 year manufacturer's + 3 year extended warranty (no planned maintenance)          | 1   |
| 15761198                              | No PC      | 1 year manufacturer's + 1 year extended warranty (no planned maintenance)          | 1   |
| 15711248                              | No PC      | 1 year manufacturer's + 1 years extended warranty (1 planned maintenance)          | 1   |
| 15721248                              | No PC      | 1 year manufacturer's + 3 year extended warranty (with 1 planned maintenance/Year) | 1   |

| Cat. No                                    | Includes   | Warranty  | Qty |
|--|------------|---|-----|
| <b>Thermal Block Formats: 96 well FAST</b> |            |   |     |
| 15771228                                   | PC: Laptop | 1 year manufacturer's + 1 year Field Service repair (no planned maintenance)          | 1   |
| 15701238                                   | PC: Laptop | 1 year manufacturer's + 3 year Field Service repair (no planned maintenance)          | 1   |
| 15751238                                   | PC: Laptop | 1 year manufacturer's + 1 year Field Service repair (with 1 planned maintenance)      | 1   |
| 15761238                                   | PC: Laptop | 1 year manufacturer's + 3 year Field Service repair (with 1 planned maintenance/Year) | 1   |
| 15791228                                   | PC: Tower  | 1 year manufacturer's + 1 year Field Service repair (no planned maintenance)          | 1   |
| 15741238                                   | PC: Tower  | 1 year manufacturer's + 3 year Field Service repair (with 1 planned maintenance/Year) | 1   |
| 15701258                                   | PC: Tower  | 1 year manufacturer's + 1 year Field Service repair (with 1 planned maintenance)      | 1   |
| 15781228                                   | No PC      | 1 year manufacturer's + 1 year Field Service repair (with 1 planned maintenance)      | 1   |
| 15711238                                   | No PC      | 1 year manufacturer's + 3 year Field Service repair (no planned maintenance)          | 1   |
| 15781238                                   | No PC      | 1 year manufacturer's + 3 year Field Service repair (with 1 planned maintenance/Year) | 1   |
| <b>Thermal Block Formats: 384 well</b>     |            |   |     |
| 15741248                                   | PC: Laptop | 1 year manufacturer's + 3 year extended warranty (with 1 planned maintenance/Year)    | 1   |
| 15701218                                   | PC: Laptop | 1 year manufacturer's + 1 year extended warranty (no planned maintenance)             | 1   |
| 15711218                                   | PC: Laptop | 1 year manufacturer's + 3 year extended warranty (no planned maintenance)             | 1   |
| 15721258                                   | PC: Tower  | 1 year manufacturer's + 1 years extended warranty (1 planned maintenance)             | 1   |
| 15731258                                   | PC: Tower  | 1 year manufacturer's + 3 year extended warranty (with 1 planned maintenance/Year)    | 1   |
| 15731218                                   | PC: Tower  | 1 year manufacturer's + 1 year extended warranty (no planned maintenance)             | 1   |
| 15741218                                   | PC: Tower  | 1 year manufacturer's + 3 year extended warranty (no planned maintenance)             | 1   |
| 15721218                                   | No PC      | 1 year manufacturer's + 1 year extended warranty (no planned maintenance)             | 1   |
| 15751248                                   | No PC      | 1 year manufacturer's + 1 years extended warranty (1 planned maintenance)             | 1   |
| 15761248                                   | No PC      | 1 year manufacturer's + 3 year extended warranty (with 1 planned maintenance/Year)    | 1   |
| 15751268                                   | No PC      | 1 year manufacturer's + 3 year extended warranty (no planned maintenance/Year)        | 1   |

### Applied Biosystems™ MicroAmp™ Optical Adhesive Film



Reduces chance of well-to-well contamination and sample evaporation when applied to a microplate.

- Pressure-sensitive adhesive provides a tight seal over every well
- Will not interfere with sample reading
- Press-N-Seal: Align properly to the plate, then press to seal
- Easy to apply—will not stick to your glove

| Cat. No  | No. per Case | Qty |
|----------|--------------|-----|
| 10299204 | 100 Covers   | 100 |
| 10567414 | 25 Covers    | 25  |

### Applied Biosystems™ MicroAmp™ Optical 96-Well Reaction Plate with Barcode & Optical Adhesive Films



Optimised to provide unmatched temperature accuracy and uniformity for fast, efficient PCR amplification.

- Frosted to minimise interfering fluorescence from wells of cycling block
- Screened to eliminate autofluorescent plates
- Unique design provides a barrier to ambient air to help ensure well-to-well temperature uniformity
- Each reaction plate includes a unique serialised, eight character number label (barcode) that is user-readable and machine-readable to prevent tracking errors

| Cat. No  | Qty |
|----------|-----|
| 10311515 | 100 |

### Applied Biosystems™ MicroAmp™ Optical 96-Well Reaction Plate with Barcode



Optimised to provide unmatched temperature accuracy and uniformity for fast, efficient PCR amplification.

- Constructed from single rigid piece of polypropylene in a 96-well format
- Compatible with Applied Biosystems 96-Well Real-Time PCR systems and thermal cyclers
- Frosted to minimise interfering fluorescence from wells of cycling block
- Screened to eliminate autofluorescent plates

| Cat. No  | Qty   |
|----------|-------|
| 10407314 | 20    |
| 10585867 | 1 set |

### Thermo Scientific™ ABgene Armadillo™ PCR Plate, 96-well, clear, semi-skirted, clear wells



Thermo Scientific™ Armadillo™ 96-Well, Clear, Semi-Skirted PCR Plates are the ultimate in high performance PCR plastics.

- Optically clear skirt—Aids in visualisation of liquids and improves stacking capabilities in automated handling systems
- ANSI:SBS footprint—With rigidity of polycarbonate skirt, the ANSI footprint ensures complete compatibility with robotic systems for high throughput applications
- Thermostable polycarbonate semi-skirted frame design—Warp-resistant thermal cycling and enhanced mechanical stability in robotic handling
- Thin walled U-bottom wells—Optimal heat transfer and maximum sample recovery

| Cat. No  | Qty |
|----------|-----|
| 15301702 | 25  |

### Fisherbrand™ 96-Well Plates



For EIA and other applications.

- Clear polystyrene
- Results with CV of <5% between wells and replicate values within ±10% of the mean. Background of wells is within 0.005 absorbance units from mean. Small lip at each well top and ridges between wells prevent well-to-well contamination Flat well bottom surface provides greater area for binding
- Rows and columns are labelled alphanumerically; plates stack for easy storage
- Specially treated to ensure high binding of hydrophobic or partially hydrophobic molecules like viral antigens and proteins

| Cat. No  | Qty |
|----------|-----|
| 11997924 | 50  |

### Thermo Scientific™ KingFisher™ Flex Purification System, KingFisher with 96 Deep-well Head



Prepare samples efficiently from a variety of materials with Thermo Scientific™ KingFisher™ Flex Magnetic Particle Processors.

- Fully automated system yields high-speed purification of nucleic acids, proteins and cells
- High throughput system processes up to 96 samples in less than 20 minutes
- Open and flexible system lets the customer use any magnetic particle-based kit to meet the application demands
- Easy-to-use Thermo Scientific™ BindIt™ Software provides instrument control, protocol creation and modification

| Cat. No  | Qty |
|----------|-----|
| 11829520 | 1   |

### Thermo Scientific™ KingFisher™ Plastics for 96 deep-well format



Optimise your performance using Thermo Scientific™ KingFisher consumables designed specifically for use with the KingFisher Flex, Duo Prime and Presto instruments.

Use With: Thermo Scientific™ KingFisher instruments, including KingFisher Apex, KingFisher Flex, KingFisher Duo Prime and KingFisher Presto.

| Cat. No  | Description  | For Use With                          | Qty |
|----------|--|---------------------------------------|-----|
| 16882406 | KingFisher 96 deep-well 96 plate, for KF Flex/Duo Prime only   | KingFisher Flex, Duo Prime            | 50  |
| 10373480 | KingFisher 96 deep-well plate, v-bottom, polypropylene (for Duo Prime, Flex and Presto)  | KingFisher Duo Prime, Flex and Presto | 50  |
| 10329827 | KingFisher 96 deep-well plate, sterile (for Duo Prime, Flex and Presto)  | KingFisher Duo Prime, Flex and Presto | 50  |
| 11744978 | KingFisher 96 tip comb for deep-well magnets, 10 x 10 pcs/box (for Flex and Presto)  | KingFisher Duo Prime, Flex and Presto | 100 |
| 16542452 | KingFisher Apex 96 Combi tip comb (for Apex only)  | KingFisher Apex only                  | 100 |
| 15698465 | KingFisher 96 deep-well tip comb and plate, sterile (for Flex and Presto)  | KingFisher Flex and Presto            | 50  |
| 12693116 | KingFisher 12-tip comb, for 96 deep-well plate (for Duo Prime only)  | KingFisher Duo Prime only             | 50  |
| 12633116 | KingFisher elution strip for 12 pin magnet (for Duo Prime only)  | KingFisher Duo Prime only             | 40  |
| 11680243 | KingFisher combi pack for microtiter 96 deep-well plate (includes 8 plates, 8 tip combs and 8 elution strips and caps) (for Duo Prime only). | KingFisher Duo Prime only             | 1   |
| 15357317 | KingFisher elution strip cap for 12 pin magnet (for Duo Prime only)  | KingFisher Duo Prime only             | 40  |

### Thermo Scientific™ KingFisher™ Plastics for 96 standard and PCR formats



Optimise your performance using Thermo Scientific™ KingFisher consumables designed specifically for use with the KingFisher Flex, Duo Prime and Presto instruments.

Use With: Thermo Scientific™ KingFisher instruments, including KingFisher Apex, KingFisher Flex and KingFisher Presto.

| Cat. No  | Description  | For Use With               | Qty |
|----------|--|----------------------------|-----|
| 12603126 | KingFisher 96 tip comb for KingFisher PCR magnets  | KingFisher Flex only       | 80  |
| 12613126 | KingFisher 96 tip comb for KingFisher magnets  | KingFisher Flex            | 100 |
| 10357939 | KingFisher 96 microplate (200µL) (for Flex and Presto) *Note: Only works with KingFisher™ Flex 96 Heating Block (Cat. No. 12569437). Not to be used with KingFisher™ Flex 96 Deep-Well Heating Block (Cat. No. 12525977) | KingFisher Flex and Presto | 48  |
| 16532452 | KingFisher Apex 96 PCR tip comb  | KingFisher Apex only       | 50  |

### Thermo Scientific™ Abgene™ 96 Well 0.8mL Polypropylene Deepwell Storage Plate



0.8 mL deepwell storage plates for cell culture or sample storage applications.

- 96 Round wells with 800µL maximum well volume
- Max working volume: Film sealing = 0.8mL, Individual Cap Sealing = 0.7mL, Mat Cap Sealing = 0.65mL
- Raised rim design around each well for optimal sealing and reduced risk of cross-contamination
- Suitable for use with DMSO, Ethanol, Isopropanol

| Cat. No  | Volume, µL | Sterility   | Qty |
|----------|------------|-------------|-----|
| 12194162 | 1300       | Sterile     | 50  |
| 10511894 | 1300       | Non-sterile | 50  |

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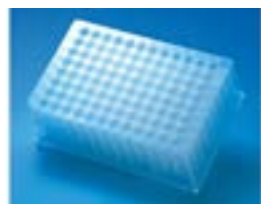


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### Thermo Scientific™ Abgene™ 96 Well 1.2mL Polypropylene Deepwell Storage Plate



Optimise suspension cell culture with these U-bottomed 1.2 mL storage plates.

- Round well shape designed for optimal sample recovery or square shape to maximise sample volume within ANSI footprint design
- Each well has an independent sealing rim to prevent cross-contamination
- U-bottomed wells ideally suited for sample resuspension
- Polypropylene

| Cat. No  | Colour  | Well Shape | No. Per Pack | Qty |
|----------|---------|------------|--------------|-----|
| 10544384 | Natural | Round      | 50           | 50  |
| 10243223 | Natural | Square     | 1            | 50  |

### Thermo Scientific™ Abgene™ 384 Well Polypropylene Storage Plates



384-well microarray plate with pyramidal well bottoms for maximum sample recovery.

- Pyramidal well bottom for ease of sample retrieval
- Discrete raised rims around each well for effective sealing and to reduce the risk of cross-contamination
- Additional raised corner rims to protect edges of seals

| Cat. No  | Qty |
|----------|-----|
| 10701534 | 50  |

### Thermo Scientific™ Nunc™ 96-Well Polypropylene DeepWell™ Storage Plates



Optimise storage capacity and improve mixing using these DeepWell™ storage plates featuring shared-wall technology.

- Ideal as a collection plate for Nunc Filter Plates
- Storage plate for compounds, samples or biomolecules
- Round-bottom wells reduce liquid retention
- Natural colour

| Cat. No  | Volume Well, µL | Sterility   | Qty |
|----------|-----------------|-------------|-----|
| 10393262 | 1300            | Non-sterile | 50  |
| 10007621 | 2000            | Non-sterile | 60  |
| 10447181 | 2000            | Sterile     | 60  |

### Thermo Scientific™ Nunc™ Microplate Lids

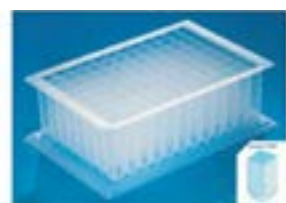


Protect samples from contamination and evaporation during assay processing, incubation or storage with these microplate lids.

- Lids are for use with any standard plates
- 96 Well Lids have individual condensation rings
- Lids have notches for quick orientation
- Universal Lids can be used on any standard height plate on the market

| Cat. No  | Qty |
|----------|-----|
| 10040401 | 100 |

### Thermo Scientific™ Abgene™ 96 Well 2.2mL Polypropylene Deepwell Storage Plate



2.2 mL deepwell storage plates for the culture or storage of large samples.

- Designed for optimal sample recovery
- Each square well is specifically designed with an independent sealing rim to prevent cross-contamination
- U-bottom to aid resuspension

| Cat. No  | Colour  | Bottom | Qty |
|----------|---------|--------|-----|
| 11510284 | Natural | U      | 50  |
| 11897612 | Natural | U      | 50  |

### Thermo Scientific™ Nunc™ 96 Well Caps Polystyrene DeepWell™ Plates



Protect DeepWell plate well contents during short or long-term storage of chemicals or compounds by using 96 Well Caps for 1.0mL Polystyrene DeepWell plates.

- Caps with 96 indentations are made of Ethylene-Vinyl Acetate
- Specifically designed for use with Nunc 1.0mL Polystyrene DeepWell Plates 10577131 and 10577131
- Not suitable for Nunc DeepWell Plates Cat. Nos. 10417191, 10393262, 10007621 and 10447181
- Sterile

| Cat. No  | Volume, µL | Sterility | Qty |
|----------|------------|-----------|-----|
| 10408812 | 1300       | Sterile   | 50  |

### Thermo Scientific™ Nunc™ 96-Well Cap Mats



Protect all 96 wells during short-term or long-term storage of chemicals or compounds with a single device using these well cap mats.

- Chemically resistant and pierceable; can withstand low temperature to -80°C
- A variety of colours for quick identification of storage plates
- Permit a pipette tip or probe to enter the well without damage to the cap
- Solvent resistant, should not be subjected to 100% DMSO

| Cat. No  | Colour  | Sterility   | For Use With                             | Qty |
|----------|---------|-------------|--|-----|
| 10536561 | Natural | Sterile     | 96-Well Plates w/ shared wall technology | 50  |
| 10286031 | Natural | Non-sterile | 96-Well Plates w/ shared wall technology | 50  |
| 10546561 | Natural | Non-sterile | 96-Well Plates w/ shared wall technology | 50  |

### Thermo Scientific™ Adhesive Plate Seals



Thermo Scientific™ Gas Permeable Adhesive Seal provides a simple and effective way of venting cultures while providing a barrier against contaminating bacteria.

- Non-adhesive tab for easy removal of seal
- Temperature range: -40°C to 80°C

| Cat. No  | Qty |
|----------|-----|
| 10642674 | 50  |

**Click on a product and login to access:**

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### Thermo Scientific™ 96-well Sealing Mats

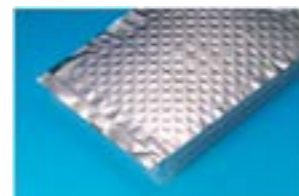


Round or square capped mats for sealing 96-well storage plates, available in autoclavable and pierceable formats.

- Round or square capped mats for sealing 96-well storage plates
- Alphanumeric grid-referencing
- Moulded from a proprietary thermoplastic elastomer for a flexible design
- Suitable for long term storage

| Cat. No  | Description              | Qty |
|----------|--------------------------|-----|
| 10354033 | Autoclavable sealing mat | 50  |
| 10722684 | Pierceable sealing matss | 50  |

### Thermo Scientific™ Thermo-Seal Heat Sealing Foil

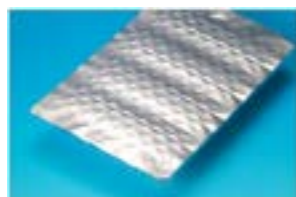


Suitable for long-term, low-temperature storage, transportation and high-temperature applications such as PCR.

- Can be used in waterbath thermal cyclers
- Foil/polypropylene laminate
- Provides very strong seal that can be peeled only with the Foil Stripper
- Can be pierced with a single pipette tip or pierce plate

| Cat. No  | Qty |
|----------|-----|
| 11934275 | 100 |

### Thermo Scientific™ Easy Pierce Heat Sealing Foil



Use this heat sealing foil to ready your microplate for compound management and high-throughput screening applications, such as PCR.

- Suitable for PCR (requires the pressure from a screw-down heated lid)
- Easily pierced
- Peelable bond can be removed by hand
- 20µm foil is even more easily pierced and is suitable for multiple layering

| Cat. No  | Description                            | Qty |
|----------|--|-----|
| 11979355 | Easy Pierce Foil, 85 x 135mm           | 100 |
| 11918935 | Easy Pierce 20µm Thin Foil; 85 x 135mm | 100 |

### Thermo Scientific™ Abgene™ Storage Plate Caps, Strips of 8



Storage Plate Caps and Mats are available in a variety of formats.

- 8-cap strip
- Each cap is individually numbered
- Simultaneous sealing of 8 wells
- End tabs for ease of removal

| Cat. No  | Qty |
|----------|-----|
| 10476113 | 120 |

### Fisherbrand™ Portable Demineraliser



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

- Conductivity : 0.3 to 2µS/cm.
- Capacity for 25°F : DEM'O 3 : 286L – DEM'O 4 : 420L – DEM'O 5 : 570L
- Maximum pressure : 4 bar at ambient temperature
- Flow rate: until 150L/hour

| Cat. No  | Qty |
|----------|-----|
| 11924169 | 1   |

### Fisherbrand™ Accu20 Ultrapure Water System



Fisherbrand™ Accu20 Ultrapure Water System used to produce Type I ultrapure water and RO water on demand from tap water directly.

- Compact system provides easy way to produce ultrapure water or RO water on demand from tap water directly with no additional pre-treatment filters
- 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 eliminate risk of water degraion by contaminants from container or tubing
- Fully automatic controlled and maintained system contains automatic cleaning cycles and self-maintenance functions for RO membrane, which increases lifetime and efficiency of RO membranes as well as cartridges

| Cat. No  | Qty |
|----------|-----|
| 15489689 | 1   |

## Fisher Scientific Webinar programme

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



IUPAC formulation.

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

| Cat. No  | Qty |
|----------|-----|
| 11754256 | 1   |

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



Performs accurate, reproducible pH calibrations with colour-coded bottles. Fisherbrand™ Traceable, Colour-Coded buffers are Certified Reference Material pH Buffers. Compatible with all makes of pH instruments and electrodes.

- Certified Reference Material (CRM) solutions meets 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
- Manufactured to IUPAC (International Union of Pure and Applied Chemistry) formulation

| Cat. No  | Qty   |
|----------|-------|
| 15508703 | 500ML |

## 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.

Each bottle includes a NIST-traceable calibration report supplied by the manufacturer and information from batch testing.

Also includes step-by-step calibration instructions and temperature compensation chart.

| Cat. No  | Qty |
|----------|-----|
| 11754226 | 1   |

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



Ideal for lab or field applications.

- Traceable to NIST (National Institute of Standards and Technology)
- Accuracy: certificate stated uncertainty or ±0.25 microsiemen or ±0.25%
- 100% compatible with all conductivity meters
- A2LA accreditations ISO 34 and ISO 17025 plus ISO 9001

| Cat. No  | Qty |
|----------|-----|
| 11714256 | 6   |

## 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
- Two adjustable feet that allow user to level the balance

| Cat. No  | Qty |
|----------|-----|
| 15927500 | 1   |

## Fisherbrand™ Moisture Analyser



Provides high value performance for all budgets and user skill levels. Fisherbrand™ Moisture Analyser offers full operational flexibility with easy one-button setup, durable construction, a large backlit LCD display, a standard RS232 port, 60g capacity and halogen heating.

- 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
- Halogen heating technology

| Cat. No  | Qty |
|----------|-----|
| 15305123 | 1   |

## 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 36x15mL or 16x50mL conical tubes, ideal for cell culture applications
- One-touch, easy-to-use operation with pre-saved protocols

| Cat. No  | Qty |
|----------|-----|
| 15818722 | 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
- Outstanding capacity and versatility accommodating up to 40 x50mL or 96x15mL conical tubes (4L version)
- Ventilated and refrigerated versions also available, with rapid temperature pull-downs

| Cat. No  | Qty |
|----------|-----|
| 15858722 | 1   |



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## Eppendorf™ Centrifuge 5425 (EU-IVD)



Eppendorf™ Centrifuge 5425 (EU-IVD) offers an outstanding feature set for a broad range of applications in the field of molecular and cell biology as well as protein biochemistry.

- Whisper quiet microcentrifuge for stress-free work
- Aerosol-tight Eppendorf QuickLock™ lids for simple and safe handling
- Outstanding software features (e.g. 10 acceleration and braking ramps, 3 program buttons, short function without continuous pressing of the key)
- OptiBowl™ design for quiet operation, even without a rotor lid

| Cat. No  | Qty |
|----------|-----|
| 15831645 | 1   |
| 15841645 | 1   |

## Fisherbrand™ Microcentrifuges, Micro 17/17R



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

- Capacity: 48mL (24 x 1.5/2mL tubes)
- Maximum speed/RCF: 13300rpm/17000xg
- Adjustable 99 minute timer and quick-spin feature for short runs
- Supplied with click seal rotor (24 place 1.5/2mL) and biocontainment lid

| Cat. No  | Qty |
|----------|-----|
| 11516873 | 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.

- Spin up to 40 x 50mL conical tubes, 196 blood tubes or 24 microplates
- 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
- Dual-purpose large bucket design accepts adapters for tubes or microplates

| Cat. No  | Qty |
|----------|-----|
| 15163169 | 4   |

## Thermo Scientific™ 1000mL Polypropylene Bottle

Maximise throughput by combining 1000mL polypropylene bottles with Thermo Scientific rotors.

- Combine 1000mL polypropylene bottles with Thermo Scientific TX-1000 or BIOFlex HC rotors for a complete system and maximise your lab's throughput

| Cat. No  | Qty |
|----------|-----|
| 15319695 | 4   |

**eppendorf**



## Accelerate Your Results

Spin the smart way with your new Centrifuge 5910 Ri (EU-IVD)

To support your documentation requirements, Centrifuge 5910 Ri tracks all settings and events that occur during the run. When combined with the user management function, you can now track what has been done, by whom, and when.

[www.eppendorf.com/Centrifuge-5910Ri](http://www.eppendorf.com/Centrifuge-5910Ri)

Are you ready to go paperless? Store all your data in a centralized location with our digital lab notebook software, eLABJournal, and say goodbye to piles of paperwork cluttering your lab!



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## Thermo Scientific™ Adapters for TX-1000 Swinging Bucket Rotor



An assortment of adapters for outstanding flexibility.

| Cat. No  | Qty |
|----------|-----|
| 15339695 | 4   |

## Thermo Scientific™ BIOLiner™ Rotor Bucket Adapters



Combine these 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   |



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## Thermo Scientific™ Nunc™ Biobanking and Cell Culture Cryogenic Tubes



Store samples from general cold storage to the vapor phase of liquid nitrogen with these biobanking and cell culture cryogenic tubes, available with either internal or external threads.

- 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
- Suitable for storage from general cold storage refrigeration (+4°C) down to the vapor phase of liquid nitrogen

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

## Thermo Scientific™ Matrix™ 500µL ScrewTop Tubes



Store samples securely at low temperatures, including vapor phase Liquid Nitrogen with these ScrewTop tubes.

- Tubes are constructed of virgin class VI medical grade polypropylene
- ScrewTop caps feature a soft silicone gasket that conforms to mating surfaces to ensure sample preservation
- Racks are constructed of sturdy acrylonitrile butadiene styrene (ABS) to protect tubes in case of accidental dropping
- ScrewTop Tubes are compatible with storage down to -196°C

| Cat. No  | Description                      | Closure Colour | Qty |
|----------|----------------------------------|----------------|-----|
| 10365453 | V-Bottom ScrewTop Tubes          | Colourless     | 480 |
| 10111683 | V-Bottom ScrewTop Tubes          | Colourless     | 480 |
| 10405983 | V-Bottom ScrewTop Tubes, No Caps | N/A            | 480 |
| 11815482 | V-Bottom ScrewTop Tubes          | Red            | 480 |
| 11805482 | V-Bottom ScrewTop Tubes          | Purple         | 480 |

## Thermo Scientific™ Matrix™ ScrewTop Tri-coded Tubes



Securely store precious samples at low temperatures, including vapor phase Liquid Nitrogen with Thermo Scientific™ Matrix™ 500µL and 1.0mL ScrewTop Tubes.

- Tubes are constructed of virgin class VI medical grade polypropylene
- ScrewTop caps feature a soft silicone gasket that conforms to mating surfaces to ensure sample preservation
- Racks are constructed of sturdy acrylonitrile butadiene styrene (ABS) to protect tubes in case of accidental dropping
- ScrewTop Tubes are compatible with storage down to -196°C

| Cat. No  | Qty |
|----------|-----|
| 13415868 | 4   |

## Thermo Scientific™ Orion Star™ A211 Benchtop pH Meter



Reliably measure pH, mV, ORP and temperature with our benchtop pH meter for advanced lab analysis and printer or computer interfacing.

- Measure pH, mV, relative mV or ORP with temperature
- Perform up to a 5 point pH calibration using automatic buffer recognition of NIST or DIN buffer groups with choice to manually enter custom buffer values
- Calibration editing option allows individual points to be fixed without a full recalibration
- Informative, easy-to-read backlit graphic display with clear on-screen instructions simplifies operation

| Cat. No  | Qty |
|----------|-----|
| 11671449 | 4   |



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### 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
- The electrode body is constructed with a glass ground joint that will fit their titration vessels

| Cat. No  | Qty |
|----------|-----|
| 11715628 | 1   |

### Fisherbrand™ Penetration Electrodes



Featuring a longer life than a conventional electrode, this gel electrolyte electrode is ideal for meat, cheese, fruit, bread dough.

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

| Cat. No  | Qty |
|----------|-----|
| 11850980 | 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
- Push-button calibration with auto-buffer recognition - quick, easy calibration with no calibration mistakes

| Cat. No  | Qty |
|----------|-----|
| 15553653 | 1   |

### Fisherbrand™ pH electrode, BNC connector with BNC epoxy body, 1m cable



General purpose pH electrode. Fisherbrand™ pH electrode, 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
- Cable: 1m
- Connector: BNC

| Cat. No  | Qty |
|----------|-----|
| 11706358 | 1   |

### Fisherbrand™ Connecting Cables



Connecting cable with BNC Plug for combined ion-sensitive electrode with solid membranes that is ideal for measuring agriculture, water analysis and calibration of ionic electrodes.

- Connecting Cable with BNC Plug
- For combined ion-sensitive electrode with solid membranes
- For use with measuring agriculture, water analysis and calibration of ionic electrodes

| Cat. No  | Qty |
|----------|-----|
| 11746348 | 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
- Automatic buffer recognition with two pH buffer sets
- pH slope and offset display
- One point mV calibration

| 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, 0.5 in. (13mm) LCD
- Can be used as handheld or benchtop meter
- Ranges: 0.01 to 200,000µmhos or µS (conductivity); 0.001ohms to 20.00megohms (resistivity); 0.01 to 20,000ppm (dissolved solids)
- Accuracy, +0.3% ± 1 digit

| Cat. No  | Qty |
|----------|-----|
| 11774216 | 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 0.5 in. LCD digits
- Dual display shows reading and temperature
- HOLD button freezes reading on display

| Cat. No  | Qty |
|----------|-----|
| 11714226 | 1   |

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



Designed and developed for the learning environment. Fisherbrand™ ST-30C Series Rear-facing Stereo Microscope has a choice between the innovative cordless LED illumination or conventional tungsten lighting system.

- 45° Inclined rear-facing binocular head with diopter adjustment on left eyetube
- Widefield eyepieces 10X/20mm
- 2X/4X magnification changer
- Objectives are parfocal, parcentric and achromatic. Magnification is changed by turning the turret 180° to the click stop

| Cat. No  | Qty |
|----------|-----|
| 11702656 | 1   |

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



Designed with a focus on high performance, small footprint and quiet operation.

- 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: 5.4-6.5L, 230V/50Hz



For laboratory and industrial applications.

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

Green Tip: For less demanding applications, power consumption can be lowered by utilising the energy savings mode

| Cat. No  | Qty |
|----------|-----|
| 11366641 | 1   |

## 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™ ECO 25 Thermoreactor for COD Analysis



Enables the user to determine parameters such as COD, nitrogenous and phosphorated compounds. Fisherbrand™ ECO 25 Thermoreactor for COD Analysis enable the preparing 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)
- Test tube cover, heating block protection and safety thermostat to enhance safety and reliability

| Cat. No  | Qty |
|----------|-----|
| 11751304 | 1   |

## Fisherbrand™ UV Sterilisation Cabinet with Timer



Limits PCR reaction contamination. 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
- Safety switches on the cabinets doors turn off the UV lights when opened

| Cat. No  | Qty |
|----------|-----|
| 15562496 | 1   |

## Fisherbrand™ Shaking Incubator with Flat Mat Platform



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

- High flask capacity
- Touch screen control
- Patented magnetic flask attachment

| Cat. No  | Qty |
|----------|-----|
| 16333226 | 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   |



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## Fisherbrand™ Isotemp™ General Purpose Deluxe Water Baths



Choose general purpose water baths, 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
- Conveniently save commonly used settings with temperature presets

| Cat. No  | Qty |
|----------|-----|
| 15375877 | 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
- Touch screen control
- 10 programmable memories
- Programmable from 1 second to 99 hours

| Cat. No  | Qty |
|----------|-----|
| 12931151 | 1   |

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



Stirring Range: 1500rpm; Size: 15mm dia.

- Uniform heat distribution with coated aluminium alloy heating plate
- Excellent resistance to chemicals
- Maximum temperature 370°C
- Accepts up to 15L flasks

| Cat. No  | Qty |
|----------|-----|
| 15349654 | 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
- Newly developed cover reduces noise and accelerates the heating up process
- Easy draining of cleaning liquid through the drain duct via a dial on the side

| Cat. No  | Qty |
|----------|-----|
| 10162372 | 1   |

## Fisherbrand™ FB5 Rotary vane vacuum pump, 2-stage, Fisher, with oil mist separator and hose nozzle



Rugged, must-have pumps for deep vacuum operation give high reliability and low maintenance operation in a wide range of lab and industrial applications.

- Designed for longevity and reliability
- Constructed from high grade materials and corrosion-resistant coating on internal surfaces
- Built for cleaner working environment

| Cat. No  | Qty |
|----------|-----|
| 16234611 | 1   |

## Fisherbrand™ Polytetrafluoroethylene Diaphragm Vacuum Pump



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

- Chemically resistant, ideal for applications involving aggressive solvents and acidic vapors
- Replacement for rotary vane pumps and water aspirators, especially in rough vacuum applications where corrosive vapors are encountered
- Pump heads are made from PTFE with carbon fibre reinforcing to handle corrosive and aggressive vapors without damage
- Pumping chambers are hermetically separated from drive space, ensuring extended life of mechanical parts

| Cat. No  | Qty |
|----------|-----|
| 12981131 | 1   |

## Fisherbrand™ FB70155 Pump



Oil-free piston pump. Fisherbrand™ FB70155 Pump 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
- Not recommended for organic, basic and acidic vapors

| Cat. No  | Qty |
|----------|-----|
| 11533485 | 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 8 flasks (500mL or smaller)
- Load capacity of up to 10 lbs. with overload protection
- Includes Two 4-position side arm assembly

| Cat. No  | Qty |
|----------|-----|
| 15544070 | 1   |



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### Fisherbrand™ Classic Vortex Mixer



Combines the highest performance ratings in terms of speed with excellent reliability and safety. 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
- Variable speed operation, electronically controlled up to 3000rpm

| Cat. No  | Qty |
|----------|-----|
| 11726744 | 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
- Stores up to ten unique alarm events

| Cat. No  | Qty |
|----------|-----|
| 15590765 | 1   |

### Fisherbrand™ Acrylic Desiccator Cabinets



Dust and moisture-free storage in refrigerators, 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
- Removable, lipped tray holds solid desiccant

| Cat. No  | Qty |
|----------|-----|
| 11917874 | 1   |

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



Measures ambient temperature, relative humidity and tells time.

- Three-line LCD display with 0.5 in.H (13mm) digits.
- Dual ranges: 0° to 50°C and 32° to 122°F
- Flip-down easel for desktop use
- Switch selectable Celsius or Fahrenheit readings

| Cat. No  | Qty |
|----------|-----|
| 11725843 | 1   |

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



Made from stainless steel and available in a wide variety of sizes. Fisherbrand™ Stainless Steel Test Sieve with Woven Wire Mesh has a 200mm diameter.

- 200mm diameter test sieves
- Stainless steel frame
- Woven wire mesh
- Supplied with Certificate of Conformity and record card

| Cat. No  | Qty |
|----------|-----|
| 11567552 | 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™ Refrigerator/Freezer Alarm Thermometers



Provides accurate reading when freezer/refrigerator doors are open with temperature buffered, sensor sealed in 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 setpoints
- 3m micro cable permits doors to close on it

| Cat. No  | Qty |
|----------|-----|
| 11705853 | 1   |

### Fisherbrand™ Traceable™ Infrared Dual Lasers Thermometer w/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 Fahrenheit and Celsius of any surface-solids, semi-solids and liquids
- Dual display shows current temperature plus one of the following eight modes: emissivity value, max. memory, min. memory, differential, average (time weighted), high temperature alarm, low temperature alarm and probe temperature

| Cat. No  | Qty |
|----------|-----|
| 11739785 | 1   |

## Fisherbrand™ Grade 113 Cellulose Medium Filtering Qualitative Filter Paper



Filters fine particulates.

- Pure grade
- Made of cellulose fibres
- Alpha content of nearly 100% according precise norms
- Ash content: 0.06%

| Cat. No  | Qty |
|----------|-----|
| 11704273 | 100 |

## Fisherbrand™ Non-sterile PTFE Syringe Filter



Designed for daily routine analysis. Fisherbrand™ Non-sterile PTFE Syringe Filter features 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
- Sturdy polypropylene housing

| Cat. No  | Qty |
|----------|-----|
| 15161499 | 100 |

## Fisherbrand™ Reusable Glass Heavy-Duty Low-Form Beakers



Spout designed for optimum performance.

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

| Cat. No  | Qty |
|----------|-----|
| 16535840 | 6   |

## Fisherbrand™ Reusable Glass Media Bottles with Cap



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

- Permanent white enamel marking spot
- GL 45 screw thread
- Linerless
- Autoclavable (to 140°C)

| Cat. No  | Qty |
|----------|-----|
| 15486113 | 10  |

## Fisherbrand™ Microglass Fibre Filters, Grade 259



Made with 100% borosilicate micro-glass 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
- Suitable for micro-filtration due to fine fibres

| Cat. No  | Qty |
|----------|-----|
| 11465238 | 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
- Sturdy, chemically resistant polypropylene housing

| Cat. No  | Qty |
|----------|-----|
| 15206869 | 50  |

## 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

| Cat. No  | Qty |
|----------|-----|
| 15409083 | 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
- Autoclavable

| Cat. No  | Qty |
|----------|-----|
| 15816861 | 10  |



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## 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, the round bottles are an integral tool in the laboratory.

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

| Cat. No  | Qty |
|----------|-----|
| 12840904 | 60  |

## 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

| Cat. No  | Qty |
|----------|-----|
| 15207935 | 2   |

## Fisherbrand™ Borosilicate Glass Light-Walled Culture Tubes



Use these tubes for cell washing procedures. 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
- Transparency Approximately 90% off between 400nm and 800nm

| Cat. No  | Qty |
|----------|-----|
| 11537692 | 100 |

## 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  |

## Fisherbrand™ Soda Lime Glass Pasteur Pipettes



Use these pipettes for a variety of applications. Fisherbrand™ Pasteur Pipettes are ideal for use with Fisherbrand Pipettors.

- Soda lime glass
- Supplied in packs of 1,000

| Cat. No  | Qty  |
|----------|------|
| 11566963 | 1000 |

## 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
- 1 dram equates to approximately 3.55mL (or 0.125 fl. oz.)
- Suitable for media, diagnostic, storage, display and sample collection applications

| Cat. No  | Qty |
|----------|-----|
| 15304789 | 399 |

## 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
- Tips can be cut back to increase flow

| Cat. No  | Qty |
|----------|-----|
| 11745233 | 6   |



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### 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)
- Bottles may be radiation, EtO or chemically sterilised

| Cat. No  | Qty |
|----------|-----|
| 10062439 | 12  |

### Fisherbrand™ Microcentrifuge Tubes with Locking Snap Cap



Polypropylene microcentrifuge tubes are DNase/RNase and pyrogen free.

- DNase/RNase and pyrogen free
- Available in both sterile and non-sterile
- Autoclavable and withstand temperatures to -86°C
- Graduated tubes available in three sizes - 0.5mL, 1.5mL and 2.0mL

| Cat. No  | Max. Force, RCF | Capacity, mL | Qty |
|----------|-----------------|--------------|-----|
| 15442545 | 25000xG         | 2.0          | 500 |
| 15432545 | 26000xG         | 1.5          | 500 |
| 15422545 | 30000xG         | 0.5          | 500 |

### Fisherbrand™ Easy Reader™ Conical Polypropylene Centrifuge Tubes



Imprinted clear black graduations ensure accurate readings.

- Non-pyrogenic
- Conical bottoms
- Large labeling area
- Choice of plug-seal or flat-top closures

| Cat. No  | Capacity, mL | Packaging | Qty |
|----------|--------------|-----------|-----|
| 11819650 | 50           | Racked    | 500 |
| 11849650 | 15           | Racked    | 500 |
| 11512303 | 50           | Bulk      | 500 |

### Eppendorf™ Polypropylene Graduated Microtubes



Use these tubes for safe handling of valuable and toxic samples as well as radioactive substances or DNA. Eppendorf™ Polypropylene Graduated Microtubes feature a hinged lid with a small hook that clips around the rim of the tube.

- Biohazardous substances can be removed, free of aerosols, through a thin membrane in the centre of the lid with a cannula
- Lid easily opens with one hand
- Graduation scale and writing surface
- Autoclavable micropestle for resuspending pellets

| Cat. No  | Capacity, mL | Qty  |
|----------|--------------|------|
| 10509691 | 1.5          | 1000 |

### Fisherbrand™ Premium Microcentrifuge Tubes: 1.5mL



Available in eight colours or in assorted-colour packs.

- High-clarity polypropylene
- Graduated in 0.1 and 0.25mL markings
- Withstand forces up to 30,000xg
- Easy-open caps with needle insertion spot and textured marking area

| Cat. No  | Qty |
|----------|-----|
| 11926955 | 500 |

### Bürkle™ LaboPlast™ Micro Spatulas



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

- Polystyrene
- Production, assembly and packaging according to clean room class 7
- Complies with EU food requirements and FDA regulations
- Double scoop spatula with rounded ends, content 1.0 and 0.25mL, total length 180mm

| Cat. No  | Qty |
|----------|-----|
| 15684104 | 100 |

### Bürkle™ SteriPlast™ Micro Spatulas



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

- Polystyrene
- Production, assembly and packaging according to clean room class 7
- Complies with EU food requirements and FDA regulations
- Packaged individually and sterilised by gamma rays

| Cat. No  | Qty |
|----------|-----|
| 15624114 | 100 |

### Fisherbrand™ Disposable Aluminum 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  | Qty |
|----------|-----|
| 11754059 | 500 |



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## Fisherbrand™ Sterile Syringes for Single Use



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

- GAMMA sterilisation
- Sterile
- Individually wrapped in a paper/plastic blister pack

| Cat. No  | Qty |
|----------|-----|
| 15839152 | 50  |

## 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
- Double safety valve

| Cat. No  | Qty |
|----------|-----|
| 15840053 | 1   |

## Thermo Scientific™ S1 Pipette Fillers



Carry out longer, fatigue-free pipetting with this ergonomically designed pipette 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 pipettes
- Choose from eight speeds with a simple “+” or “-” to adjust pipetting speed which is displayed on the LCD

| Cat. No  | Colour | Dispensing Speed | Qty |
|----------|--------|------------------|-----|
| 10402822 | White  | 8                | 1   |
| 10626293 | Blue   | 8                | 1   |
| 10367302 | Red    | 8                | 1   |
| 10072332 | Green  | 8                | 1   |
| 10729534 | Clear  | 8                | 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  | No. of Channels | Volume, µL  | Compatible Tips  | Qty |
|----------|-----------------|-------------|------------------|-----|
| 15603056 | 6               | 15 to 1250  | ClipTip 1250     | 1   |
| 15663046 | 8               | 2 to 125    | ClipTip 200      | 1   |
| 15693046 | 8               | 10 to 300   | ClipTip 300      | 1   |
| 15613056 | 8               | 15 to 1250  | ClipTip 1250     | 1   |
| 15623046 | 8               | 0.5 to 12.5 | ClipTip 384 12.5 | 1   |
| 15643046 | 8               | 1 to 30     | ClipTip 384 30   | 1   |
| 15673046 | 8               | 2 to 125    | ClipTip 384 125  | 1   |
| 15633046 | 12              | 0.5 to 12.5 | ClipTip 384 12.5 | 1   |
| 15653046 | 12              | 1 to 30     | ClipTip 384 30   | 1   |
| 15683046 | 12              | 2 to 125    | ClipTip 384 125  | 1   |

## Eppendorf™ Reference™ 2 Variable Volume, Single-Channel Pipettes



Minimise risk of aerosol contamination and reduce thumb strain with these variable volume pipettes. Eppendorf™ Reference™ 2 Variable Volume Pipettes are ideal for pipetting and mixing liquids, filling of plates, gels and reaction vessels, and phase extraction and removal of supernatants.

- Integrated pipetting system with internal RFID technology
- Serial number is printed on multiple components of pipette
- Colour-coded and volume labelled pipette for quick identification of volume size/tip size
- Round upper part of pipette makes it possible to work in every position

| Cat. No  | Volume, µL | Qty |
|----------|------------|-----|
| 15773479 | 10 to 100  | 1   |



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### Fisherbrand™ Elite™ Adjustable-Volume Pipettes



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

- Fully autoclavable — entire pipette 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
- Optimal fit with SureOne™ pipette tips — best pipetting performance

| Cat. No  | Qty |
|----------|-----|
| 11865762 | 1   |

### 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
- Low affinity surface reduces loss of cells and valuable proteins due to binding
- Soft plastic pipettes made of non-toxic low-density polyethylene (LDPE)

| Cat. No  | Qty |
|----------|-----|
| 13439108 | 500 |

### Eppendorf™ Quality™ epT.I.P.S.™ Reloads



Eppendorf™ Quality™ epT.I.P.S.™ Reloads are the perfect combination that results in reduced-force tip attachment and ejection with complete sealing.

- Reduced waste as compared with disposable racks
- The refill trays can be autoclaved up to 121°C, in packaging and without foil, for subsequent use
- The refill system, depending on tip size, is packaged as either dual-sided or in stack form
- Also available in purity grade PCR clean

| Cat. No  | Volume, µL | Qty |
|----------|------------|-----|
| 15881495 | 2 to 200   | 960 |

### Fisherbrand™ Maxi Pipettor Tips



For use with large volume pipettors.

- Designed for use when transferring large sample volume
- Advanced moulding technology ensure tips are straight
- Alternative option to serological pipettes
- Non-sterile; certified by independent laboratory to be RNase, DNase, DNA and Pyrogen free

| Cat. No  | Qty |
|----------|-----|
| 11957754 | 100 |

### Fisherbrand™ Sterile Polystyrene Disposable Serological Pipettes with Magnifier Stripe



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

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

| Cat. No  | Qty |
|----------|-----|
| 11839660 | 200 |

### Fisherbrand™ SureOne™ Aerosol Barrier Pipettor Tips



Choose from a comprehensive line of pipettor tips for demanding liquid-handling applications.

- 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
- Filter eliminates aerosol cross-contamination without sealing or trapping samples

| Cat. No  | Volume, µL  | Qty |
|----------|-------------|-----|
| 11973466 | 100 to 1000 | 960 |
| 11963466 | 20 to 200   | 960 |

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## We have the bottle for you

Thermo Scientific™ Nalgene™ can provide the shape, volume, neck size and resin to suit all applications.

Learn More

### Fisherbrand™ Natural LDPE Narrow Mouth Dropper Bottles with Caps



Made of squeezable, resilient LDPE and are supplied with plug and protective overcap.

| Cat. No  | Qty |
|----------|-----|
| 16154487 | 48  |

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## Pre Production Phase

Incubators, chambers and ovens

### BINDER™ KB Series Refrigerated Incubator with Compressor Technology, 115 L



Temperature Range: -5°C to +100°C.

- APT.line™ preheating chamber technology
- Up to 30% lower energy consumption compared to the previous model
- Cooling with compressor cooling unit

| Cat. No  | Qty |
|----------|-----|
| 15659528 | 1   |

### BINDER™ Series VD Vacuum Drying Chamber for Non-Flammable Solvents



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
- Internal data logger, measured values can be read out in open format via USB

| Cat. No  | Qty |
|----------|-----|
| 16684392 | 1   |

### Fisherbrand™ Gravity Convection Microbiological Incubator, 75 L, Stainless Steel



Temperature Range: Ambient +7°C to 75°C

- Ideal for microbiological incubation and heated storage
- Maximum temperature 75°C
- Single set point digital control
- Inner glass door for minimal disturbance while viewing samples

| Cat. No  | Qty |
|----------|-----|
| 15895901 | 1   |

### Fisherbrand™ Gravity Convection Oven



General purpose oven for basic drying and heating applications.

- Ideal for basic drying or heating applications
- Maximum temperature 250°C
- Over-temperature protection
- Manually adjustable damper for increased air circulation

| Cat. No  | Qty |
|----------|-----|
| 15805911 | 1   |

memmert

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NEW



Peltier-cooled incubator

IPP  
eco

**Efficient. Homogeneous. Reliable.**

IDEAL FOR CULTIVATION ABOVE AND BELOW ROOM TEMPERATURE,  
DETERMINING COLONY COUNT OR DURABILITY TESTS

ADVANCED PELTIER TECHNOLOGY

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 2 sizes: Benchtop model 178L / 6.3 cuft and a floor model with casters 381L / 13.5 cuft
- 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  | Voltage   | Qty |
|----------|-----------|-----|
| 15689408 | 230 V     | 1   |
| 15608540 | 100/240 V | 1   |

Thermo Scientific™ Heratherm™ IMP400 Refrigerated Incubators, Stainless Steel



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 to +70°C
- Available in 2 sizes: benchtop model 178L / 6.3 cuft and a floor model with casters 381L / 13.5 cu.ft.
- 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  | Voltage   | Qty |
|----------|-----------|-----|
| 15662079 | 230 V     | 1   |
| 15618540 | 100/240 V | 1   |

Thermo Scientific™ Stability Chamber, 311 L, Stainless Steel 1.4301, 2B



Temperature Range: 0°C to 60°C; Relative Humidity (RH): <95% at 37°C; Light: No Lighting.

- Optimum uniformity and a wide temperature range designed for easy compliance with regulatory requirements
- Rugged construction and durable shelving for long life
- Broad range of options to create the perfect fit for your applications

| Cat. No  | Qty |
|----------|-----|
| 15480430 | 1   |

Thermo Scientific™ Vertical Light Chamber, 311 L, Stainless Steel, Type 304 /1.4301, 2B Finish



Temperature Range: 0°C to 60°C with light, 10°C to 50 C without light; Relative Humidity (RH): <95% with Light Off at 37°C; <75% with Light On at 37°C; Light: Optional Fluorescent Light Module. Thermo Scientific™ Vertical Light Chambers address a variety of applications that require sample exposure with light, along with temperature control

- Solid door comes standard
- Flexible set up of light modules addresses requirements for sample distance to light and sample volume
- Address applications under optimal conditions with light choices. Wide light distribution is achieved with seven light bulbs

| Cat. No  | Qty |
|----------|-----|
| 16411135 | 1   |

Thermo Scientific™ Stability Chamber, 821 L, Stainless Steel 1.4301, 2B



Temperature Range: 0°C to 60°C; Light: No Lighting.

- Optimum uniformity and a wide temperature range designed for easy compliance with regulatory requirements
- Rugged construction and durable shelving for long life
- Broad range of options to create the perfect fit for your applications

| Cat. No  | Qty |
|----------|-----|
| 15470430 | 1   |

Thermo Scientific™ Stability Chamber, 821 L, Stainless Steel, Type 304, 2B



Temperature Range: Ambient +5°C to 60°C; Light: No Lighting.

- Large size for high volumes and a broad range of products
- Heated glass door for minimal condensation and a clear view
- Interior and exterior convenience receptacles, and five adjustable shelves
- Enviro-Scan™ controls with easy-to-read display of actualtemp studies, and shelf life testing

| Cat. No  | Qty |
|----------|-----|
| 15563771 | 1   |



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### Thermo Scientific™ Vertical Light Chamber, 821 L, Stainless Steel, Type 304 /1.4301, 2B Finish



Temperature Range: 0°C to 60°C with light, 10°C to 50°C without light; Relative Humidity (RH): <95% with Light Off at 37°C; <75% with Light On at 37°C; Light: Optional Fluorescent Light Module.

- Solid door comes standard
- Flexible set up of light modules addresses requirements for sample distance to light and sample volume
- Address applications under optimal conditions with light choices. Wide light distribution is achieved with seven light bulbs

| Cat. No  | Qty |
|----------|-----|
| 16421135 | 1   |

### Thermo Scientific™ TSG General Purpose Refrigerators



The TSG Series of general purpose refrigerators are built with the performance, security and quality features you have come to expect from Thermo Scientific™.

- Wide range of sizes from 400 L to 1500 L double door
- Glass door (triple pane) and solid door configurations
- Whisper quiet operation < 50 dBA
- White painted interior and exterior

| Cat. No  | Description | Qty |
|----------|-------------|-----|
| 17167758 | EU plug     | 1   |
| 17197758 | UK/IE plug  | 1   |

### Thermo Scientific™ TSX Series High-Performance Lab Refrigerators



Innovative refrigeration solutions for healthcare and research needs.

- Designed to safely store medical and laboratory products, including vaccines, pharmaceuticals, media and reagents requiring a temperature range of 2°C to 8°C
- Whisper quiet with a sound level of 52 dBA, enabling end users to work alongside the refrigerator without distraction
- Unique V-drive technology is designed to detect usage patterns such as door openings when a higher compressor speed is needed and periods of stability where the compressor runs at a lower speed, saving energy without compromising protection

| Cat. No  | Qty |
|----------|-----|
| 15618416 | 1   |

### Thermo Scientific™ TSX Series High-Performance -30°C Auto Defrost Freezers



Thermo Scientific™ TSX Series high-performance -30°C auto defrost freezers offer a sustainable choice for clinical and laboratory storage.

- Whisper quiet with a sound level of 52 dBA, enabling end users to work alongside the refrigerator without distraction
- Unique V-drive technology is designed to detect usage patterns such as door openings when a higher compressor speed is needed and periods of stability where the compressor runs at a lower speed, saving energy without compromising protection
- Up to 50% less energy usage than conventional refrigerant models

| Cat. No  | Qty |
|----------|-----|
| 15668416 | 1   |



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## Thermo Scientific™ TSG General Purpose Freezers



The TSG Series of general purpose freezers are built with the performance, security and quality features you have come to expect from Thermo Scientific™.

- Wide range of sizes from solid door 400 L to 1500 L double door
- Whisper quiet operation < 50 dBA
- White painted interior and exterior
- Adaptive Defrost

| Cat. No  | Description | Qty |
|----------|-------------|-----|
| 17187728 | EU plug     | 1   |
| 17117738 | UK/IE plug  | 1   |

## Thermo Scientific™ Barnstead™ Smart2Pure™ Pro Water Purification System



All in One ! The Smart2Pure™ Pro system is a compact system which converts tap water to into ASTM Type 1. The Smart2Pure Pro UV/UF 16 LPH offers the choice of a 30 L or 60 L reservoir for customisable storage capacity and ability to dispense both ASTM Type 1 and Type II water.

- 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
- Simplified User Interface

| Cat. No  | Description   | Qty |
|----------|---|-----|
| 15980206 | Smart2Pure Pro 16 UV/UF with 30L Tank - Complete system | 1   |
| 15970206 | Smart2Pure Pro 16 UV/UF with 60L Tank - Complete system | 1   |
| 15900216 | Smart2Pure Pro 16 UV/UF and 30L Tank                    | 1   |
| 15990206 | Smart2Pure Pro 16 UV/UF and 60L Tank                    | 1   |

## Fisherbrand™ Reusable Glass Media Bottles with Cap



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

- Permanent white enamel marking spot
- GL 45 screw thread
- Linerless
- Autoclavable (to 140°C)

| Cat. No  | Qty |
|----------|-----|
| 15406123 | 1   |

## Thermo Scientific™ Plates and Modules with Affinity Binding Surfaces



Help reduce variability in molecular orientation with these plates and modules with affinity binding surfaces.

- Highly specific binding surfaces reduce variability in molecular orientation
- Immobiliser surfaces improve signal to noise ratios.
- Streptavidin biotin interaction can be exploited to immobilise a wide range of biomolecules

| Cat. No  | Qty |
|----------|-----|
| 10143632 | 15  |

## Thermo Scientific™ Immuno Breakable Modules Clear



Choose from four surfaces and a variety of wells and configurations with these immuno breakable modules, which offer an optimal choice of products for the specific assay.

- Free-standing modules are easy to handle

| Cat. No  | Qty |
|----------|-----|
| 10506371 | 60  |

## Invitrogen™ Nunc MaxiSorp™ flat-bottom

High protein-binding capacity polystyrene 96 well ELISA plates that are recommended for use with eBioscience Ready-SET-Go! ELISA reagent sets, as well as other matched antibody pairs for ELISA.

- Low-protein binding capacity plates yield low signal or inconsistent data
- Use of high protein-binding capacity polystyrene 96 well ELISA plates is essential for optimal assay performance

| Cat. No  | Qty |
|----------|-----|
| 16567010 | 1   |

## Thermo Scientific™ Immuno Clear Standard Modules



Perform applications that deliver well-to-well reproducibility with these immuno clear standard modules. Manufactured to fit standard equipment.

- Several strip formats: Eight-well strip, 12-well strip, 16-well strip (two columns of eight wells)
- Several well shapes: flat bottom, C bottom (radius edge), U shape wells, StarWells (wells have fins to increase the surface area and enhance performance)
- Several surfaces to maximise assay performance
- Modules that remain in frame when inverted

| Cat. No  | Qty |
|----------|-----|
| 10554831 | 60  |



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## Thermo Scientific™ Clear Flat-Bottom Immuno Non-sterile 96-Well Plates



Choose from four binding surfaces on these 96-well plates for reliable and reproducible results in colorimetric assays.

- Clear polystyrene
- Choice of four surfaces for optimal binding
- Alphanumerically labeled rows and columns

| Cat. No  | Qty |
|----------|-----|
| 10547781 | 60  |

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## Fisherbrand™ Glass Screw Neck Specimen Bottles



Suitable for media, diagnostic, storage, display and sample collection applications. Fisherbrand™ Glass Screw Neck Specimen Bottles are manufactured from clear Type 1B neutral glass.

- With standard neck sizes
- Tall and squat form options
- 1 dram equates to approx. 3.55mL (or 1/8 fl. oz.)
- Closure not included

| Cat. No  | Qty |
|----------|-----|
| 15334789 | 190 |

## Fisherbrand™ Bijou Vials with Polypropylene Cap



Manufactured from Type III Soda Lime Glass with polypropylene cap. Fisherbrand™ Bijou Vials with Polypropylene Cap are suitable for media, diagnostic and sample collection applications.

- Type III Soda Lime Glass
- Polypropylene screw cap
- Clear colour bottle
- Screw thread neck

| Cat. No  | Qty |
|----------|-----|
| 14823562 | 125 |

## Thermo Scientific™ Nalgene™ Square PET Media Bottles with Closure: Sterile, Shrink-Wrapped Trays



Provide excellent gas barrier properties for storage and shipping of liquid media, buffers and sera with these square bottles.

- Polyethylene terephthalate with natural high density polyethylene closure
- Moulded in graduations and neck ring for use with tamper evident shrink sleeves
- Gamma irradiated to 10<sup>-6</sup> Sterility Assurance Level (SAL)
- Non-pyrogenic and non-cytotoxic

| Cat. No  | Qty |
|----------|-----|
| 15485683 | 48  |

## Thermo Scientific™ Nalgene™ Natural HDPE Diagnostic Bottles with Closure: Bulk Pack



Sample, store and ship small-volume, valuable reagents in these leakproof bottles with polypropylene closures. They can be used in test kits and many small-volume applications as well.

- Non-sterile
- Natural, linerless polypropylene closures
- Durable, uniform walls resistant to splitting or puncturing
- Leakproof

| Cat. No  | Qty  |
|----------|------|
| 10364673 | 2000 |



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WHEATON™ Dropper Assemblies



Suitable for key primary packaging applications such as blood grouping reagents and rare grouping sera when used with WHEATON™ Dropper Bottles.

- Pipettes manufactured from clear tubular 5.1 expansion borosilicate glass
- Controlled drop size dropper assembly – (40 to 50µL drop size for 3mL and 4.5mL sizes, 45 to 55µL drop size for 7mL and 10mL sizes)
- Manufactured with pharmaceutical grade rubber bulbs
- Choice of different coloured caps on dropper assemblies allows for differentiation in diagnostic kits

| Cat. No                         | Capacity, mL                             | Qty  |
|---------------------------------|--|------|
| <b>For 3mL Dropper Bottle</b>   |  |      |
| 17218760                        | Black Cap / White Bulb Dropper Assembly  | 1870 |
| 17228760                        | White Cap / White Bulb Dropper Assembly  | 1870 |
| 17238760                        | Blue Cap / White Bulb Dropper Assembly   | 1870 |
| 17248760                        | Yellow Cap / White Bulb Dropper Assembly | 1870 |
| 17258760                        | Red Cap / White Bulb Dropper Assembly    | 1870 |
| 17268760                        | Green Cap / White Bulb Dropper Assembly  | 1870 |
| <b>For 4.5mL Dropper Bottle</b> |  |      |
| 17248750                        | Black Cap / White Bulb Dropper Assembly  | 1870 |
| 17258750                        | White Cap / White Bulb Dropper Assembly  | 1870 |
| 17268750                        | Blue Cap / White Bulb Dropper Assembly   | 1870 |
| 17278750                        | Yellow Cap / White Bulb Dropper Assembly | 1870 |
| 17288750                        | Red Cap / White Bulb Dropper Assembly    | 1870 |
| 17298750                        | Green Cap / White Bulb Dropper Assembly  | 1870 |
| <b>For 7mL Dropper Bottle</b>   |  |      |
| 17268740                        | Black Cap / Black Bulb Dropper Assembly  | 980  |
| 17278740                        | White Cap / Black Bulb Dropper Assembly  | 980  |
| 17288740                        | Blue Cap / Black Bulb Dropper Assembly   | 980  |
| 17298740                        | Yellow Cap / Black Bulb Dropper Assembly | 980  |
| 17208750                        | Red Cap / Black Bulb Dropper Assembly    | 980  |
| 17218750                        | Green Cap / Black Bulb Dropper Assembly  | 980  |
| 17228750                        | Grey Cap / Black Bulb Dropper Assembly   | 980  |

| Cat. No                        | Capacity, mL                             | Qty |
|--------------------------------|--|-----|
| <b>For 10mL Dropper Bottle</b> |  |     |
| 17288730                       | Black Cap / Black Bulb Dropper Assembly  | 980 |
| 17298730                       | White Cap / Black Bulb Dropper Assembly  | 980 |
| 17208740                       | Blue Cap / Black Bulb Dropper Assembly   | 980 |
| 17218740                       | Yellow Cap / Black Bulb Dropper Assembly | 980 |
| 17228740                       | Red Cap / Black Bulb Dropper Assembly    | 980 |
| 17238740                       | Green Cap / Black Bulb Dropper Assembly  | 980 |
| 17248740                       | Grey Cap / Black Bulb Dropper Assembly   | 980 |



WHEATON™ Tubular Dropper Bottles



Suitable for key primary packaging applications such as blood grouping reagents and rare grouping sera when used with WHEATON™ Dropper Assemblies.

- Manufactured from clear tubular 5.1 expansion borosilicate glass
- Standard sizes available are 3mL, 4.5mL, 7mL and 10mL

| Cat. No  | Capacity, mL | Bottle Size (d x h mm) | Qty  |
|----------|--------------|------------------------|------|
| 17208760 | 3            | 16.25 x 35.5           | 1870 |
| 17238750 | 4.5          | 16.25 x 46.5           | 1870 |
| 17258740 | 7            | 20.25 x 42.75          | 980  |
| 17278730 | 10           | 20.25 x 58.5           | 980  |

WHEATON™ Tubular Diagnostic Vials, Stoppers and Caps



The perfect *in-vitro* diagnostic primary packaging solution for assays and reagents when used along with the rubber stoppers and caps.

- Manufactured from clear or amber tubular 5.1 expansion borosilicate glass
- Thick-walled diagnostic vials have freeze dry bases, suitable for lyophilisation applications, with the amber glass option also ideal for light sensitive products
- Stoppers are made from pharmaceutical grade material and fit perfectly into the vials controlled inner bore, ensuring an excellent fit
- A range of coloured caps are available upon request, in both polypropylene or urea, to help differentiate products in diagnostic kits

| Cat. No      | Description  | Qty |
|--------------|--|-----|
| <b>Vials</b> |  |     |
| 14803582     | 3mL Clear Diagnostic Vial, 18 x 36mm, with 15.5mm Neck   | 320 |
| 14853582     | 3mL Amber Diagnostic Vial, 18 x 36mm, with 15.5mm Neck   | 320 |
| 14813582     | 5mL Clear Diagnostic Vial, 18 x 41mm, with 15.5mm Neck   | 320 |
| 14863582     | 5mL Amber Diagnostic Vial, 18 x 41mm, with 15.5mm Neck   | 320 |
| 14823582     | 10mL Clear Diagnostic Vial, 25.25 x 50mm, with 22mm Neck | 154 |
| 14873582     | 10mL Amber Diagnostic Vial, 25.25 x 50mm, with 22mm Neck | 154 |
| 14833582     | 20mL Clear Diagnostic Vial, 27.5 x 63mm, with 22mm Neck  | 130 |
| 14883582     | 20mL Amber Diagnostic Vial, 27.5 x 63mm, with 22mm Neck  | 130 |
| 14843582     | 25mL Clear Diagnostic Vial, 31.5 x 63mm, with 22mm Neck  | 99  |
| 14893582     | 25mL Amber Diagnostic Vial, 31.5 x 63mm, with 22mm Neck  | 99  |

| Cat. No         | Description  | Qty  |
|-----------------|--|------|
| <b>Stoppers</b> |  |      |
| 13550970        | 14mm Lyophilisation Stopper, Grey Bromobutyl (For Use With 15.5mm Neck Diagnostic Vials) | 1000 |
| 14833592        | 20mm Lyophilisation Stopper, Grey Bromobutyl (For Use With 22mm Neck Diagnostic Vials)   | 1000 |
| <b>Caps</b>     |  |      |
| 14803592        | 15.5mm White Polypropylene Cap, No Liner (Fr 15.5mm Neck Diagnostic Vials)               | 1000 |
| 14813592        | 15.5mm White Urea Cap, EPE Liner (For 15.5mm Neck Diagnostic Vials)                      | 1000 |
| 14823592        | 22mm White Polypropylene Cap, No Liner (For Use With 22mm Neck Diagnostic Vials)         | 1000 |
| 14843592        | 22mm White Urea Cap, EPE Liner (For Use With 22mm Neck Diagnostic Vials)                 | 1000 |

WHEATON™ LDPE Dropping Bottles with Extended Controlled Dropper Tips and Polypropylene Dropper Tip Caps



An ideal primary packaging solution for dispensing reagents accurately each time. A great alternative to glass dropper bottle and assembly dispensing solutions.

- Extended controlled dropper tip dispenses one drop at a time
- Average drop size is 44µl ±6µL
- Radiation grade polypropylene screw caps and tips packaged separately
- Dropping bottles, natural tips and white caps are packaged separately
- Coloured Dropper Tips and Caps also available

| Cat. No        | Capacity, mL | Cap Size, mm | Bottle Size d x h, mm | Qty |
|----------------|--------------|--------------|-----------------------|-----|
| <b>Natural</b> |              |              |                       |     |
| 10410212       | 3            | 8-425        | 14 x 49               | 144 |
| 11708759       | 6            | 13-425       | 17 x 58               | 144 |
| 10418341       | 15           | 15-425       | 25 x 78               | 144 |
| 10144814       | 30           | 20-410       | 32 x 85               | 144 |
| 10285272       | 60           | 20-410       | 39 x 101              | 144 |
| <b>White</b>   |              |              |                       |     |
| 11915152       | 3            | 8-425        | 14 x 49               | 144 |
| 10004173       | 6            | 13-425       | 17 x 58               | 144 |
| 12422471       | 7            | 15-425       | 19 x 63               | 144 |
| 12432471       | 15           | 15-425       | 25 x 78               | 144 |
| 10414515       | 30           | 20-410       | 32 x 85               | 144 |
| 10733057       | 60           | 20-410       | 39 x 101              | 144 |

### WHEATON™ Leak-Resistant Narrow Mouth HDPE Bottles with Caps



Ideal primary packaging solution for assays in diagnostic kits and also chemical and storage purposes.

- Superior double seal closure for leak resistance
- No-drip pour lip for safe and clean pouring
- Polypropylene cap attached
- Suitable for sterilisation by either gas or irradiation
- Coloured screw caps also available

| Cat. No  | Capacity, mL | Cap size, mm | Bottle Size, d x h, mm | Qty |
|----------|--------------|--------------|------------------------|-----|
| 10613703 | 4            | 13-425       | 16 x 38                | 72  |
| 10244732 | 8            | 20 x 410     | 25 x 43                | 72  |
| 10465052 | 15           | 20 x 410     | 25 x 56                | 72  |
| 10729864 | 30           | 20 x 410     | 32 x 69                | 72  |
| 10041452 | 60           | 20 x 410     | 39 x 84                | 72  |
| 10366612 | 125          | 24-410       | 50 x 101               | 72  |
| 10284872 | 250          | 24-410       | 61 x 129               | 72  |
| 10653703 | 500          | 28-410       | 72 x 171               | 48  |
| 10306712 | 1000         | 38-410       | 91 x 210               | 24  |

### WHEATON™ Leak-Resistant Narrow Mouth Amber HDPE Bottles with Caps



Ideal primary packaging solution for assays in diagnostic kits and also chemical and storage purposes.

- Superior double seal closure for leak resistance
- No-drip pour lip for safe and clean pouring
- Polypropylene cap attached
- Suitable for sterilisation by either gas or irradiation
- Coloured screw caps also available

| Cat. No  | Capacity, mL | Cap size, mm | Bottle Size, d x h, mm | Qty |
|----------|--------------|--------------|------------------------|-----|
| 10001482 | 4            | 13-425       | 16 x 38                | 72  |
| 10540083 | 8            | 20 x 410     | 25 x 43                | 72  |
| 10225022 | 15           | 20 x 410     | 25 x 56                | 72  |
| 10560273 | 30           | 20 x 410     | 32 x 69                | 72  |
| 10123012 | 60           | 20 x 410     | 39 x 84                | 72  |
| 10797554 | 125          | 24-410       | 50 x 101               | 72  |
| 10163102 | 250          | 24-410       | 61 x 129               | 72  |
| 10737754 | 500          | 28-410       | 72 x 171               | 48  |
| 10403142 | 1000         | 38-410       | 91 x 210               | 24  |

### Fisherbrand™ Clear Standard Wide Mouth Glass Bottles with White Polypropylene Caps



Clear, Type III soda-lime glass ideal for general, small to large volume storage.

- Features a wide mouth opening for easy transfer of contents
- Applications include pharmaceutical, chemical, environmental and food packaging and storing
- Manufactured from clear flint glass

| Cat. No  | Qty |
|----------|-----|
| 16104517 | 12  |

### Thermo Scientific™ Nalgene™ Closures for Dropper Bottles: Bulk Pack



Order these closures, which are available in multiple colours to help identify reagents, to complete your dropper bottle system.

- Polypropylene
- Available in various colours

| Cat. No  | Colour  | Qty  |
|----------|---------|------|
| 10737123 | Natural | 2000 |
| 10232723 | Red     | 2000 |
| 10485703 | Blue    | 2000 |

## WHEATON™ GLASS DROPPER BOTTLES AND ASSEMBLIES

- Manufactured from **Type 1B** Clear Neutral Glass
- Standard sizes available are **3mL, 4.5mL, 7mL** and **10mL**
- Suitable for key primary packaging applications such as blood grouping reagents and rare grouping sera
- Controlled drop size dropper assembly
- Choice of different coloured caps on dropper assemblies allows for differentiation in diagnostic kits



[eu.fishersci.com/go/dwk-14845](http://eu.fishersci.com/go/dwk-14845)

### Thermo Scientific™ Nalgene™ LDPE Dispensing Tips for Dropper Bottles: Bulk Pack



Carry out pharmaceutical and biotech applications with these LDPE dispensing tips for dropper bottles, which feature precise drip control.

- Low density polyethylene
- Offered in two drop sizes (40µL or 50µL)
- Use with Nalgene dropper closures for colour coding your reagents

| Cat. No  | Qty  |
|----------|------|
| 10099062 | 2000 |

### Thermo Scientific™ Nalgene™ LDPE Dropper Bottles: Bulk Pack



Repeatedly carry out reliable routine dispensation with these LDPE dropper bottles, made of low-density polyethylene.

- Natural or white LDPE bottles
- Dropper control tip snaps into place for a secure fit, sold separately
- Dropper tip delivers 40 or 50µL drops (based on water), sold separately
- Consistent, accurate drop sizes with Nalgene fitments, sold separately

| Cat. No  | Qty  |
|----------|------|
| 10212773 | 2000 |

### Fisherbrand™ Wide-Mouth Field Sample Bottles



Bulk-packaged for convenient liquid sampling, transport and storage

- Excellent chemical resistance
- Rigid and translucent

| Cat. No  | Qty |
|----------|-----|
| 11987924 | 50  |

### Thermo Scientific™ Nalgene™ Square Wide-Mouth HDPE Bottles with Closure: Bulk Pack



Easily fill and pour with square, wide-mouth bottles, featuring moulded-in graduations and uniform walls that are resistant to splitting or puncturing.

- Wide mouth for easy filling and pouring
- Chemical and break-resistant
- Leakproof, linerless polypropylene caps

| Cat. No  | Qty |
|----------|-----|
| 10503385 | 125 |

### Thermo Scientific™ Nalgene™ Natural PPCO Micro Packaging Vials: Non-sterile, Bulk Pack



Recover vial contents completely with these micro packaging vials, moulded from high purity PPCO resin. The vials are skirted and feature conical interiors.

- USP Class VI compliant; non-pyrogenic
- Coloured closures packaged separately
- Non-sterile
- Leakproof when used with Nalgene closures

| Cat. No  | Volume, mL | Qty  |
|----------|------------|------|
| 10619953 | 0.5        | 1000 |
| 10706923 | 2          | 1000 |

### Thermo Scientific™ Nalgene™ PPCO High Profile Closures with Colour Coders for Micro Packaging Vials: Non-sterile



Reduce risk of contaminating contents using these high-profile PPCO closures with colour coders that are free of toxic heavy metals and have no O-rings that can accidentally fall out.

- Vials (listed separately) and closures are pressure-tested together at 7.5 psig for air shipment
- Threaded, screw closure closures are non-sterile and Leakproof† when used with Nalgene Micro Packaging Vials.
- Permanently attached, colour-coded inserts are free of toxic heavy metals.
- Inserts do not come in contact with vial contents

| Cat. No  | Colour | Qty  |
|----------|--------|------|
| 10364383 | Clear  | 1000 |
| 10242573 | Red    | 1000 |
| 10110083 | Blue   | 1000 |

### Fisherbrand™ Sterile Graduated Transfer Pipettes



Made up of low density polyethylene.

- Transparent in colour
- Contains graduations
- Sterile

| Cat. No  | Qty |
|----------|-----|
| 13419118 | 500 |

### Thermo Scientific™ Samco™ Exact Volume Transfer Pipettes



Perform precise dispensing of volumes from 20 to 400µL by using these exact volume transfer pipettes. Made of shatterproof, non-toxic polyethylene.

- Shatterproof, non-toxic polyethylene
- Non-sterile
- Low affinity surface
- Freezer ready

| Cat. No  | Qty |
|----------|-----|
| 15595243 | 500 |



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### Fisherbrand™ Polystyrene Petri Dishes, Sterile



A range of high quality aseptic or sterile Petri dishes perfect for microbial or cell culture or for sample collection, examination and storage.

- Polystyrene
- Sterile
- 90mm diameter

| Cat. No  | Vent | Qty |
|----------|------|-----|
| 12674785 | 1    | 600 |
| 12604795 | 3    | 600 |

### Fisherbrand™ Cotton Linter Antibiotics Testing Paper



Tests antibiotic sensitivity of bacteria.

- Thick absorbent paper
- 100% cotton linter fibre
- Weight: 330g/m<sup>2</sup>
- Thickness: 0.9mm

| Cat. No  | Qty  |
|----------|------|
| 11780096 | 1000 |

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### Novacyt - Microgen Bioproducts Latex Agglutination Test: Listeria spp.



Can be used to obtain rapid, presumptive-positive results from selective media for targeted identification/diagnosis.

- Specific tests available for a variety of infection detections
- Rapid (2 minute), simple, sensitive and specific latex agglutination test for the identification and confirmation of infecting colonies
- Can be used to obtain rapid, presumptive-positive results and provide an early indication of possible production process failure

| Cat. No  | Qty      |
|----------|----------|
| 15958012 | 50 tests |

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**NEW! Microgen Bioproducts™ Biochemical Identification Listeria ID Kit**

Part of the range of simple, reliable bacterial identification systems for clinical, food, environmental and pharmaceutical laboratories.

Microgen™ Listeria-ID employs 12 standardised microwell substrates combined with the Microgen Identification System Software to identify members of the genus Listeria.

The organisms can be identified directly from selective agar or non-selective agar using Microgen Listeria-ID. Identification is achieved using all the tests recommended in international standard methods for the identification of Listeria spp. without the need for additional confirmatory tests!

- A complete identification system, no additional materials required
- Substrates included conform to all international standards
- Enhanced built in haemolysis test – CAMP test not required
- Validated for chromogenic media
- AFNOR validated with BioMerieux ALOA medium
- Inoculated directly from selected media (no-need for sub-culturing)
- AOAC – RI validated
- CMMAS Assessed and Approved

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Cat. No: 15948022

Part of the **NOVACYT GROUP**

**PBS, Phosphate Buffered Saline, 10X Solution, Fisher Bioreagents**



Commonly used buffer.  
A concentrated, standard phosphate buffer solution.

| Cat. No  | Packaging           | Qty   |
|----------|---------------------|-------|
| 10468543 | Poly Bottle         | 500mL |
| 10204733 | Nalgene Poly Bottle | 1L    |
| 12899712 | Poly CUBE           | 4L    |
| 10649743 | Poly CUBE           | 20L   |

**Tris Base (White Crystals or Crystalline Powder/Molecular Biology), Fisher Bioreagents**



DNase, RNase and Protease-Free.  
Tris Base is a buffer component in molecular biology, tissue culture and electrophoresis procedures.

| Cat. No  | Packaging   | Qty  |
|----------|-------------|------|
| 10103203 | Poly Bottle | 500g |
| 10376743 | Poly Bottle | 1kg  |
| 10724344 | Poly Pail   | 5kg  |
| 10667243 | Poly Pail   | 10kg |
| 10336793 | Fibre Drum  | 25kg |

**Urea (Colourless-to-White Crystals or Crystalline Powder/Mol. Biol.), Fisher Bioreagents**



Urea is used as a denaturing agent for DNA and proteins

| Cat. No  | Packaging   | Qty  |
|----------|-------------|------|
| 10183333 | Poly Bottle | 500g |
| 10173333 | Poly Pail   | 2kg  |
| 10489683 | Poly Drum   | 10kg |

**Water, Molecular Biology Grade, Fisher Bioreagents**



For many fundamental molecular biology procedures.  
Ultrapure, deionised, molecular biology grade water is ideal for many fundamental procedures such as PCR, electrophoresis, DNA sequencing and buffers for enzymatic analyses.

| Cat. No  | Packaging           | Qty   |
|----------|---------------------|-------|
| 10490025 | Poly Bottle         | 100mL |
| 10505854 | Nalgene Poly Bottle | 1L    |
| 10154604 | Poly CUBE           | 4L    |
| 10318354 | Poly CUBE           | 10L   |
| 10517554 | Poly CUBE           | 20L   |

**Ethanol, Absolute (200 Proof), Molecular Biology Grade, Fisher Bioreagents**



- For nucleic acid purification and precipitation
- Ultrapure molecular biology grade ethanol is used for the purification and precipitation of biomolecules such as nucleic acids and proteins
- It is also used in histology to prepare staining and destaining reagents and for dehydrating tissues prior to embedding

| Cat. No  | Qty |
|----------|-----|
| 16695992 | 4L  |

**Isopropanol, Molecular Biology Grade, Fisher Bioreagents**



For nucleic acid precipitation.  
Ultrapure reagent that can be used in fundamental applications such as purification and precipitation of nucleic acids and proteins and preservation of biological specimens.

| Cat. No  | Packaging    | Qty   |
|----------|--------------|-------|
| 11388461 | HDPE Bottle  | 500mL |
| 11398461 | HDPE Bottle  | 1L    |
| 11358461 | Glass Bottle | 2L    |
| 11308471 | HDPE Bottle  | 4L    |

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80% Ethanol, Molecular Biology Grade, Thermo Scientific™



Ready made ethanol/water blend prequalified for molecular biology research applications.

- 80% ethanol and water blend
- DNase, RNase and protease-free
- Ready made ethanol/water blend
- Pre-qualified for molecular biology research applications

| Cat. No  | Qty |
|----------|-----|
| 16622284 | 4L  |

Agarose (Low-EEO/Multi-Purpose/ Molecular Biology Grade), Fisher Bioreagents



For molecular biology research applications.

All Fisher Bioreagents agarose grades are DNase and RNase-free to ensure optimal results for your nucleic acid application.

| Cat. No  | Qty  |
|----------|------|
| 10766834 | 100g |
| 10366603 | 500g |

Invitrogen™ RNaseZap™ RNase Decontamination Wipes Refill



Completely removes RNase contamination from glass and plastic surfaces

- Convenient towel format
- Completely removes RNase contamination from glass and plastic surfaces Ideal for cleaning work surfaces, pipettors and equipment that must be RNase-free

Works immediately on contact; no baking or autoclaving necessary The popular Invitrogen™ RNaseZap™ is now provided in a convenient wipe format. RNaseZap™ Wipes are designed to eliminate RNase contamination on work surfaces, pipettors and equipment that must be RNase-free. RNaseZap™ is a formulation of three ingredients known to be active against RNase. It effectively removes even high levels of RNase contamination that similar products cannot. With thorough rinsing, RNaseZap™ leaves no residues that are inhibitory to enzymatic reactions. Note: The components are packaged separately. The wipes and RNaseZap™ Solution are loaded into the pop-up dispenser prior to first use.

| Cat. No  | Qty |
|----------|-----|
| 10092824 | 100 |

PURUS™ 30-Layer EnviroTack™ Contamination Control Mats



Exclusively from PURUS™, EnviroTack™ mats are the first ever contamination control products that contain GMO free, plant-based renewable materials, providing an environmentally friendly alternative to removing dirt and dust from foot traffic and equipment wheels

- Eco-friendly containing a proprietary GMO free, plant based renewable material that reduces CO<sub>2</sub> emissions during the manufacturing process
- Strong and effective delivering reliable and high-end performance
- Consistent adhesive coverage for maximum performance of each layer
- Can be recycled in conventional plastic recycling streams or through the Fisher Scientific channel partnership with PURUS™ and Terra Cycle
- Low profile numbered tabs ensure one-sheet-at-a-time removal and indicate number of remaining layers

| Cat. No  | Colour | Qty |
|----------|--------|-----|
| 15391952 | Gray   | 8   |
| 15301962 | White  | 8   |

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**PURUS™ 60-Layer EnviroTack™ Contamination Control Mats**



Exclusively from PURUS™, EnviroTack™ mats are the first ever contamination control products that contain GMO free, plant-based renewable materials, providing an environmentally friendly alternative to removing dirt and dust from foot traffic and equipment wheels

- Eco-friendly containing a proprietary GMO free, plant based renewable material that reduces CO<sub>2</sub> emissions during the manufacturing process
- Strong & Effective delivering reliable and high-end performance
- Consistent adhesive coverage for maximum performance of each layer Can be recycled in conventional plastic recycling streams or through Fisher Scientific's partnership with PURUS™ and Terra Cycle
- Low profile numbered tabs ensure one-sheet-at-a-time removal and indicate number of remaining layers

| Cat. No  | Qty |
|----------|-----|
| 15381962 | 4   |

**Nitritex™ BioClean Permaflow™ Sterile Cleanroom Marker Pens**



Processed to ensure ISO Class 4 & EU GMP Grade A compatibility. Nitritex™ BioClean Permaflow™ Cleanroom Marker Pens are individually packaged and available with black, blue or red ink. Double-bagged varieties are available.

- Super permanent ink in black, blue or red
- Fade and water resistant
- Quick drying
- Non-toxic

| Cat. No  | Qty |
|----------|-----|
| 15994841 | 10  |

**PURUS™ Synthetic Cleanroom Paper**



Cleanroom paper that excels in Tensile Strength. For writing, printing and photocopying in cleanroom environments, PURUS™ Cleanroom Paper provides excellent printability and heat toner adhesion and is recyclable.

- Features high tensile strength and excellent heat resistance for enhanced copier and printing efficiency
- Proprietary binding technology results in very low levels of particles, nonvolatile residue (NVR) and ion extractables
- Unique precision cutting technology guarantees consistent sizing and cleanliness
- Produced in ISO 4 (Class 10) cleanroom

| Cat. No  | Qty |
|----------|-----|
| 15773579 | 10  |

**PURUS™ Critical Print Cleanroom Notebooks**



Critical Print Notebooks are ideal for writing and data recording in cleanroom environments.

- Cleanroom processed and packaged
- Suitable for use in ISO 4 to 6 (Class 10 to Class 1000) cleanrooms
- Proprietary Binding Technology without organic fillers
- Recyclable

| Cat. No  | Qty |
|----------|-----|
| 15743609 | 10  |

**Contec™ Mop Head Saturation System**



Designed to simplify the cleanroom mopping process, Contec's Mop Head Saturation System allows mop heads to be presaturated prior to being passed into the controlled environment. This eliminates the need for any water to be passed into the cleanroom.

Small and compact, the stainless steel cart with twin 8L buckets is ideal for small to medium sized cleanroom. Being lightweight and manoeuvrable the cart is easy to use.

| Cat. No  | Qty |
|----------|-----|
| 15964851 | 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
- A CE marked; Class I medical device, certified under EU Directive MDD 93/42/EEC meeting the EN14683:2019 standard for medical facemasks
- Ear loops and a soft, flexible, internally wired upper seam for a comfortable snug fit around the nose
- Non-woven polypropylene outer layer

| 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
- Front button closure

| Cat. No  | Qty |
|----------|-----|
| 15827101 | 1   |

**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
- Front snap closure

| Cat. No  | Qty |
|----------|-----|
| 15807111 | 1   |

Click on a product and login to access:

- a full detailed product description
- your personalised prices

## 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
- Front snap closure

| Cat. No  | Qty |
|----------|-----|
| 15817091 | 1   |

## FFP2 Disposable Respirator Face Mask



FFP2 Disposable respirator 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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