INDUSTRIES

COSMETIC & **CHEMICAL**

Fisher Scientific

SPATULAS, STERILE

- Polystyrene, white
- Individually packaged and sterilised by gamma radiation
- Production, assembly and packaging according to cleanroom Class 7
- With EU foodstuffs and FDA approval
- Available with or without transparent cover to ensure samples are not contaminated
- Ideal for powders, granulates and pastes

Cat No.	Description	Pack qty
15336327	Spatula SteriPlast	10
15346327	Spatula SteriPlast with cover	10

SAMPLE SPOONS, STERILE

- Polystyrene, white
- Individually packaged and sterilised by gamma radiation
- Production, assembly and packaging according to cleanroom Class 7
- With EU foodstuffs and FDA approval
- Ideal for powders, granulates and pastes.

Cat No.	Capacity, mL	Pack qty
15356327	2.5	100
15351766	10	100

SPOONS, STERILE

- Polystyrene, white
- Traceability on each bag
- Certifications: EC N°1935/2004, ISO 11137
- Individual packaging

Cat No.	Capacity, mL	Length, mm	Pack qty
11847363	2	125	1,000
11713114	8	150	1,000

SCOOPS, STERILE

- Polystyrene, white
- Individually packaged and sterilised by gamma radiation
- Production, assembly and packaging according to cleanroom Class 7
- With EU foodstuffs and FDA approval
- Ideal for powders, granulates and pastes
- Available with or without transparent cover to ensure samples are not contaminated

Cat No.	Capacity, mL	Pack qty
Without cover		
15366317	25	10
15386317	50	10
15306327	100	10
15316327	150	10
With cover		
15376317	25	10
15396317	50	10
15390937	100	10

SCOOPS

- Made from food safe polypropylene
- Top is flat for levelling off powders
- Base is flat enabling scoops to stand horizontally
- The capacity is clearly moulded on each size

Cat No.	Capacity, mL	Length, mm	Pack qty
12591506	2	60	5
11323724	50	160	5

TWEEZERS

- High quality, autoclavable tweezers
- Available with pointed or rounded ends
- Fine tooth grips for secure handling of samples

Cat No.	Description	Material	Length, mm	Pack qty
12054618	Pointed ends	PMP white	115	1
12043984	Rounded ends	POM amber	250	1

SAMPLERS, MINI VISCOSAMPLERS

Sampler for viscous substances such as pastes, mud, creams, oils. The sample is drawn in using the pump rod and directly conveyed to the sampling container.
• Stainless steel V4A (1.4404), seals PTFE
• Sterilisable
• Ideal for the pharmaceutical and cosmetics industry
• Including suction tip 2mm
• Additional suction tips (2mm; 4mm; 6mm) available
• 15mm diameter

Cat No.	Capacity, mL	Length, mm	Pack qty
10461341	30	100	1
10461151	50	600	1
10421731	75	1,500	1

SCOOPS

• PTFE, white
• All parts coming into contact with the sample medium are made of pure white PTFE
• Completely inert against all substances (with the exception of elementary fluoride)
• Autoclavable

Cat No.	Capacity, mL	Length, mm	Pack qty
11921581	10	34	1
10503252	100	65	1
10403522	250	95	1
10044067	500	125	1
10683523	1,000	155	1

SCREW CAP DIPPERS WITH REMOVABLE HANDLE

• Polypropylene blue containers
• Removable handle
• Shock resistant
• Packaged individually in tamper evident single zip bags
• Traceability information on each bag
• Sterile SAL 10^{-3}

Cat No.	Capacity, mL	Height with caps, mm	Height with handle, mm	Outer diameter, mm	Pack qty
15488794	40	80	290	43	250
15408804	125	74	275	52	250
15498794	180	102	305	52	250

SAMPLE DIPPERS, STERILE, THERMO SCIENTIFIC STERILIN DIPPA™

• Polystyrene
• With caps
• Facilitate sample collection and transportation to the lab in a single container using Thermo Scientific™ Sterilin™ Dippas™ to reduce risk of cross-contamination
• Individual packaging

Cat No.	Capacity, mL	Colour	Handle length, mm	Pack qty
11729352	30	Clear	200	50
11788848	100	Clear	385	400
11748938	250	Clear	330	50
11738938	30	Blue	200	50
11798848	100	Blue	385	100
11758938	250	Blue	330	50

APPLICATIONS & SOLUTIONS SERIES:
WATER ANALYSIS
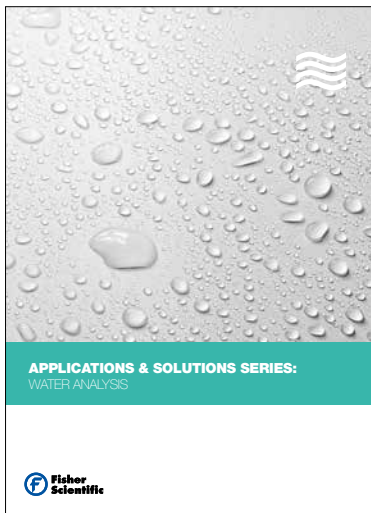
Cosmetic Industry –
Is water quality important to your process?

Our Water Analysis brochure features a comprehensive range of high quality and reliable products to collect, store and prepare your sample.

Discover how you can validate a large range of parameters during all steps of your processes.

Available on eu.fishersci.com

BEAKERS, DISPOSABLE

Fisherbrand™

- Four-way pour spout for flexibility
- Polystyrene
- Chemical resistant to dilute or weak acids, aqueous solutions, alcohols, and bases
- Withstand temperatures to 93°C (200°F)
- Graduations in mL and oz., accurate to ±2%

Cat No.	Capacity, mL	Pack qty
11738549	20	500
11748549	50	500
11758549	150	100
11768549	250	100
11778549	800	100
11788549	1,000	100

BEAKERS WITH HANDLE GRADUATED

Azlon

- Tapered jugs in high clarity polypropylene
- Crisp blue printed graduations
- Autoclavable at 121°C
- Ergonomically designed handle with thumb grip for easy carrying
- Polypropylene
- For use in: laboratories for handling chemicals
- This product is suitable for food contact applications in accordance with EU and\or USA regulations
- Maximum Temperature: -20 to 135°C

Cat No.	Capacity, mL	Height, mm	Pack qty
10667825	250	100	1
10074084	500	120	1
11363434	1,000	150	1
10718205	2,000	187	1
11990985	3,000	215	1

SQUARE BOTTLES SINGLE USE, WIDE NECK

GOSSELIN

- Single use, HDPE, square bottles
- For research use only, unless otherwise indicated
- Certifications: EC N°1935/2004

Cat No.	Capacity, mL	Sterile	Dimensions, L x W x H, mm	Closure type	Neck diameter, mm	Pack qty
11793024	150	No	50 x 50 x 95	Double closure: polyethylene seal and screw cap	37	300
11703034	150	No	50 x 50 x 95	Leakproof screw cap with tresylene seal	37	300
11713034	150	Yes	50 x 50 x 95	Double closure: polyethylene seal and screw cap	37	300
11728643	1,000	No	95 x 76 x 185	Double closure: polyethylene seal and screw cap	58	90
11718653	1,000	Yes	95 x 76 x 185	Double closure: polyethylene seal and screw cap	58	90
11748653	1,000	No	95 x 76 x 185	Leakproof screw cap with tresylene seal	58	90

ROUND BOTTLES SINGLE USE, WIDE NECK

GOSSELIN

- Single use, HDPE, round bottles
- For research use only, unless otherwise indicated
- Certifications: EC N°1935/2004

Cat No.	Capacity, mL	Sterile	Dimensions, L x W x H, mm	Closure type	Neck diameter, mm	Pack qty
11733024	100	No	51 x 51 x 80	Double closure: polyethylene seal and screw cap	37	335
11743024	100	No	51 x 51 x 80	Leakproof screw cap with tresylene seal	37	335
11743064	250	No	60 x 60 x 125	Leakproof screw cap with tresylene seal	37	145
11753094	500	No	80 x 80 x 136	Leakproof screw cap with tresylene seal	37	140
11778653	1,000	No	101 x 101 x 174	Double closure: polyethylene seal and screw cap		68
11788653	1,000	Yes	101 x 101 x 174	Double closure: polyethylene seal and screw cap		68
11798653	1,000	No	101 x 101 x 174	Leakproof screw cap with tresylene seal		68

BOTTLES, WIDE MOUTH, HDPE, CLEAR

Fisherbrand™

- 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
- Not autoclavable

Cat No.	Capacity, mL	Dimensions, mm (dia. x h)	Pack qty
11775243	30	36 x 64	72
11785243	60	38 x 86	72

BOTTLES, OCTAGONAL, PET

GOSSELIN

- Transparent as glass
- Molded with graduations every 25mL
- HDPE Tamper evident screw cap
- Highly ergonomic
- Sterile 10_3
- Food contact compliant

Cat No.	Capacity, mL	Sterile	Dimensions, L x W x H,mm	Closure type	Neck diameter, mm	Pack qty
12654853	125	Yes	53 x 53 x 108	Tamper evident screw cap	31.7	231
15370242	250	Yes	63 x 63 x 132	Tamper evident screw cap	31.7	144
15309094	500	Yes	74 x 74 x 170	Tamper evident screw cap	31.7	120
12684853	1,000	Yes	92,5 x 92,5 x 212	Tamper evident screw cap	31.7	48

CONTAINERS, POLYPROPYLENE, SNAP CAP

GOSSELIN

- Leakproof
- No cross contamination risks
- Assembled shape
- Outside Diameter: 105mm
- Height: 130mm
- Colour: Natural
- Certifications: EC N°1935/2004

Cat No.	Capacity, mL	Description	Pack qty
11783154	960	Container cap separate	250
11703164	960	Cap on container - sterilised	80

STRAIGHT CONTAINERS

GOSSELIN

- Material and colour of the container : Natural polypropylene
- Material of the secondary body : LDPE
- Shape : assembled
- CE marking : CE, IVD
- Food contact : Raw material is compliant with regulation EC N°1935/2004 when sterile : sterility Assurance Level based on ISO 11137 : STERILE SAL 10^{-3}

Cat No.	Capacity, mL	Sterile	Dimensions, dia. x height, mm	Closure type	Pack qty
15438814	60	Yes	33 x 70	Screw cap red	700
15458814	60	No	33 x 70	Screw cap blue	700
15468814	60	Yes	33 x 70	Screw cap red	700
15478814	60	No	33 x 70	Screw cap white	700
15468824	125	Yes	52 x 74	Screw cap red	380
15498824	125	No	52 x 74	Screw cap blue	380
15408834	125	No	52 x 74	Screw cap red	380
15418834	125	No	52 x 74	Screw cap white	380

SPECIMEN CONTAINERS

Azlon

- Containers with captive hinged cap suitable for many applications
- Lightweight and unbreakable in normal use
- Can withstand temperatures up to 80°C
- Cap colour: clear

Cat No.	Capacity, mL	Diameter, mm	Height, mm	Pack qty
10135874	1	8	38	20
12783335	2.5	12	40	20
10739555	5	15	49	20
10717465	10	28	352	10
10584745	20	32	36	10
12793335	25	25	78	10

SPECIMEN CONTAINERS

Azlon

- Clear polystyrene containers with maximum sample visibility
- Polyethylene airtight snap-on lids for quick easy use

Cat No.	Capacity, mL	Diameter, mm	Height, mm	Pack qty
11323614	10	26	28	10
11333614	20	32	33	10
12453561	30	36	33	10
12463561	50	36	53	10
11353614	100	51	60	10

CONTAINER UNIVERSAL

Secure excellent temperature and chemical resistance with 95kPa compliant and CE marked 30mL leak-resistant Thermo Scientific™ Sterilin™ polypropylene 30mL universal container. Aseptically manufactured.

Thermo SCIENTIFIC

Cat No.	Capacity, mL	Diameter, mm	Height, mm	Pack qty
12653546	30	31	94	400

BOTTLES, SODA GLASS, STRAIGHT SIDED

- Ideal for soil sampling and environmental applications.
- Straight sided walls allow for the complete removal of contents
- Bottles are autoclavable but the caps are not autoclavable
- Bottles are packed with PTFE lined caps ready-fitted
- Available certified cleaned per EPA guidelines for semi-volatiles, pesticides, PBCs and metals. A certificate of analysis is attached to each lot
- Safety coated bottles are ideal for field sampling applications. The shatter resistant coating reduces the chance of breakage in the event the container is dropped. If the bottle does break, the coating will safely contain the contents long enough for disposal. The non-slip coating also allows greater ease of stability in handling containers, whether wet or dry.

Fisherbrand™

Cat No.	Capacity, mL	Dia. x H, mm	Thread style	Mouth ID, mm	Pack qty
11744339	500	91x 95	89/400	69.8	12
11754339	1,000	95 x 170	89/400	74.1	12

BOTTLES, YOUTILITY

The DURAN™ YOUTILITY Laboratory Bottle GL 45 represents a new generation of glass laboratory bottles for use in a wide and diverse range of applications. The innovation does not stop at the improved ergonomics bottle shape, but extends to dedicated accessories that incorporate many new innovative features to improve handling, sample identification, and ease of use. The new YOUTILITY bottles and accessories help to make laboratory work easier, safer, more economical and fun.
- Complete bottle system - includes pouring ring, GL 45 screw cap
- Clear glass
- Specially shaped gripping zones on both sides of the bottle for easier and safer handling

DURAN GROUP

Cat No.	Capacity, mL	Diameter, mm	Height, mm	Pack qty
15233375	125	55	124	4
15223375	250	66	158	4
15243375	500	78	193	4
15253375	1000	93	253	4

LABORATORY TRAYS, ALL-PURPOSE

These laboratory trays are practical, all-purpose trays that can be nested when empty, and are durable, shatterproof and resist flexing. Also suitable as a spill trough for environmentally dangerous aggressive substances, for laboratory work, as an etching tray, as an instrument holder, a medicine tray, for photographic development, as a sample presentation tray or a display tray for foodstuffs.
- Polypropylene, white
- Manufactured using injection moulding, not by deep drawing
- Trays can be nested
- Tray not suitable for temperature controlled cupboards or dishwashers
- Temperature resistant up to +60°C (briefly up to +80°C)

bürkle

Cat No.	Capacity, mL	Dimensions, L x W, mm	Pack qty
10130501	500	180 x 130	1
10028320	1500	240 x 180	1

SAMPLE BAGS STERIBAG

SteriBag sterilised sampling bags are ideal for samples in chemistry, pharmaceuticals, medicine, veterinary science and foodstuffs. The bags are made of polyethylene and are therefore exceptionally tearproof and leakproof.
- Sterilised
- Can be labelled
- Leakproof
- Save space
- Transparent
- With practical tear-open closure
- Proven millions of times

bürkle

Cat No.	Capacity, mL	Dimensions, L x W, mm	Labelling area	Pack qty
10135550	60	127 x 76	No	500
10607871	150	178 x 79	No	500
10490951	450	229 x 114	No	500
10658251	650	229 x 140	No	500
10544021	900	305 x 114	No	500
15306297	1,650	305 x 178	No	250
10724784	1,650	305 x 178	Yes	250

PIPETTES GRADUATED, TYPE 1 CLASS

- Complies with ISO 835
- Calibrated to deliver from zero at the top to any graduation line down to the shoulder
- Graduations in permanent amber stain which resists aggressive washing solutions
- Each pipette is calibrated to deliver with a +5s. waiting time
- Manufactured from soda lime glass with tooled jets for extra strength and to ensure correct outflow times

MBL®

Cat No.	Capacity, mL	Tolerance, mL	Colour code	Pack qty
11359653	1	±0.007	Yellow	2
11379653	5	±0.03	Red	2
11389653	10	±0.03	Red	2
11399653	25	±0.10	Green	2

LIGHTWEIGHT FUNNELS, PP

• Lightweight polypropylene funnels with ribs that prevent air locks, allowing rapid filtration
• Autoclavable to 121°C

Azlon

Cat No.	Overall length, mm	Overall height, mm	Stem OD, at top, mm	Top i.d., mm	Pack qty
10233840	47	47	2	30	10
12024608	107	107	10	75	10

PIPETTES, POLYSTYRENE, STRAW, STERILE

Manufactured from clear polystyrene, and sterilised at 10kGy, these straw pipettes are particularly suitable for use with Stomacher homogeniser bags

GOSSELIN

Cat No.	Volume, mL	Length, mm	Inner pack qty	Pack qty
11562772	1	190	25	1,000

PIPETTES, TRANSFER

• Low density polyethylene
• Transparent
• Graduated or non-graduated
• Various packaging formats

Fisherbrand™

Cat No.	Description	Length, mm	Drop volume, mL	Drop per mL	Pack qty
13439108	3mL, graduated	155	40	25	500
13449108	7mL, non graduated	300	50	20	100

SAMCO™ GENERAL-PURPOSE TRANSFER PIPETTE

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

Thermo SCIENTIFIC

Cat No.	Length, cm	Stem diam., mm	Overall capacity, mL	Bulb Draw, mL	Inner pack qty	Pack qty
62 µL Large Aperture Pipette						
15337893	13.7	6.1	9.3	4.8	250	2,500

SAMCO™ FINE TIP TRANSFER PIPETTES

Perform precise dispensing of small drops into small-volume containers using Thermo Scientific™ Samco™ Fine-Tip Transfer Pipettes. These fine-tip pipettes are ideal for removing cell layers and separating blood samples. Designed with a built-in pipette bulb, they allow precise dispensing of small drops into small-volume containers.

Thermo SCIENTIFIC

Cat No.	Length, cm	Stem diam., mm	Overall capacity, mL	Bulb Draw, mL	Drops per mL	Inner pack qty	Pack qty
Fine Tip Large Bulb							
15337833	14.7	6.1	8.7	4.8	45	400	4,000
Extended Fine Tip Small Bulb							
15347823	10.4	3.0	1.5	1.0	50	400	3,200

SAMCO™ SPECIAL PURPOSE TRANSFER PIPETTES

Eliminate plugging, packaging and autoclaving with Thermo Scientific™ Samco™ special purpose transfer pipettes, ideal for delivering drops onto slides or tiles. Single-unit design features a built-in pipette bulb that eliminates need for plugging, packaging, autoclaving; prevents cross-contamination.

Thermo SCIENTIFIC

Cat No.	Length, cm	Stem diam., mm	Overall capacity, mL	Bulb Draw, mL	Inner pack qty	Pack qty
Padl-Pet 25 µl Drop Size						
15377873	13.1	3.8	1.0	0.2	500	4,000
Padl-Pet 30 µl Drop Size						
15387873	13.0	3.8	1.0	0.2	500	4,000
Padl-Pet 50 µl Drop Size						
15397873	12.4	3.6	0.8	0.2	500	4,000

SAMCO™ EXTRA LONG TRANSFER PIPETTE

Perform safe and easy sampling from large containers using Thermo Scientific™ Samco™ extra long transfer pipettes. Perfect for tissue culture applications, these pipettes are designed with a built-in pipette bulb that eliminates the need for plugging, packaging, autoclaving and prevents cross-contamination.

Thermo SCIENTIFIC

Cat No.	Length, cm	Stem diam., mm	Overall capacity, mL	Bulb Draw, mL	Drops per mL	Inner pack qty	Pack qty
Extra Long 12"							
15242079	30.0	8.6	23.0	7.3	20	100	1,000

SAMCO™ NARROW STEM TRANSFER PIPETTE

Eliminate plugging, packaging and autoclaving with Thermo Scientific™ Samco™ narrow stem transfer pipettes.. These polyethylene pipettes prevent cross-contamination and are used for blood bank applications such as sedimentation procedures. The single-unit design features a built-in pipette bulb, and a flexible stem bends to sample from narrow or small tubes.

Thermo SCIENTIFIC

Cat No.	Length, cm	Stem diam., mm	Overall capacity, mL	Bulb Draw, mL	Inner pack qty	Pack qty
Q-Pet Transfer Pipette						
11641839	15.5	8.0	6.7	3.0	500	5,000

PIPETTES, PASTEUR, SODA LIME GLASS

• Disposable Pasteur pipettes are open point and unplugged (plain) and manufactured from soda lime glass to BS 5732, ISO 7712
• Material: soda lime glass

Fisherbrand™

Cat No.	Length, mm	Type	Inner pack qty	Pack qty
11546963	150	Unplugged	250	1,000
11566963	230	Unplugged	250	1,000

DROPPING PIPETTES

• Corrosion resistant and unbreakable in normal use
• Both sizes are one-piece bellows dispensers
• Plain stem of 7,5 mm diameter

Azlon

Cat No.	Capacity, mL	Stem length, mm	Total length, mm	Pack qty
11393704	1.5	98	133	100
15573740	5	159	194	100

PIPETTES, SEROLOGICAL, STRAIGHT, POLYSTYRENE, INDIVIDUALLY WRAPPED

• Non-pyrogenic and non-cytotoxic warranty
• DNase and RNase free
• Supplied in paper/plastic packaging, or plastic/plastic packaging
• Sterilisation using gamma irradiation
• Pipettes individually wrapped paper/plastic

Fisherbrand™

Cat No.	Capacity, mL	Graduations, mL	Colour	Pack qty
Pipettes individually wrapped plastic/plastic				
11829660	5	0.1	Blue	200
11839660	10	0.1	Orange	200
Pipettes individually wrapped paper/plastic				
11849181	1	0.01	Yellow	1,000
11859181	2	0.01	Green	500
11869181	5	0.1	Blue	200
11879181	10	0.1	Orange	200
11839181	25	0.2	Red	200
11889181	50	0.5	Purple	100

PIPETTES ONE MARK, CLASS AS

• Complies with ISO 648 and DIN 12691
• Calibrated for delivery
• Printed with batch code for downloadable batch certificate
• Markings in permanent amber stain
• Class AS with +5s waiting time
• Manufactured from soda lime glass with robust tooled jets

MBL®

Cat No.	Capacity, mL	Tolerance, mL	Colour code	Pack qty
11369643	1	±0.008	Blue	2
11379643	2	±0.01	Orange	2
11389643	5	±0.015	White	2
11399643	10	±0.02	Red	2
11309653	15	±0.03	Green	2
11319653	20	±0.03	Yellow	2
11329653	25	±0.03	Blue	2
11339653	50	±0.05	Red	2
11349653	100	±0.08	Yellow	2

PIPETTORS, MICROMAN E

MICROMAN™ E positive displacement pipettes, along with capillary pistons, offer the highest precision when pipetting problem liquids such as oils, cosmetics, blood, glycerol, radioactive samples, RNA, DNA, and more!
Working like a syringe, capillary pistons eliminate the air cushion between the sample and the disposable piston, providing 100% protection against pipette contamination and producing accurate, reproducible, and precise results every time.
- Patented QuickSnap CP fitting system allows you to fit a capillary piston on to MICROMAN E as simply as fitting a standard tip to a standard pipette.
- Volume Securing Button allows for easy volume adjustment and minimises the risk of accidently changing the volume during pipetting cycles.
- Award Winning Design: MICROMAN E received the Red Dot Product Design Award 2015 for its unique design language in the Life Science and Medicine Category.
- Improved comfort and ease-of-use:
  - A newly shaped handle, with an added finger hook, rests comfortably in your hand
  - Fully visible volumeter on the front of the body, so you can easily see the volume while pipetting
  - Large push button allows you to aspirate and dispense with ease

Cat No.	Min vol., µL	Max vol., µL	Pack qty
15314775	1	10	1
15324775	3	25	1
15334775	20	50	1
15344775	10	100	1
15354775	50	250	1

CAPILLARY PISTONS

- Accuracy & Precision
  - The use of Gilson's pipetting system (MICROMAN fitted with Capillary Piston) guarantees accuracy and precision.
  - Ideal for non-aqueous liquids: viscous, dense, volatile or potentially dangerous liquids, radioactive or corrosive reagents.
- Contamination Free
  - Contamination-free pipetting and protection for the user no contact between the sample and the pipette, even with aerosols or corrosive vapours.
  - Free of dyes, no risk of contamination from the CP's components.
- High Quality
  - Large volume range from 1 µL to 1,000 µL with six different models to offer the best results.
  - Capillaries made of pure polypropylene.
  - Lightweight and slim CPs that fit in even the narrowest and deepest tubes.

Cat No.	Volume, µL	Pack qty
12001532	1-10	960
10726470	3 - 25	960
10866510	20 - 50	960
10494132	10 - 100	960
10456925	50 - 250	960

FINNPIPETTE™ F2 ADJUSTABLE-VOLUME PIPETTES

Eliminate the possible effects of hand warmth on the accuracy of measurements with Thermo Scientific™ Finnpipette™ F2 Adjustable-Volume Pipettes, which feature Advanced Volume Gearing (AVG) a thermally-isolated self-supporting modular volume adjustment mechanism that enhances pipetting performance. Because the AVG mechanism is separated from the pipette body, its accuracy and precision are significantly improved.
- Large Ergovisio display with white numbers on black background for increased visibility
- Double-action pipetting button; rotating upper part prevents accidental volume alteration
- Light, smooth pipetting action enables better results over longer periods
- Fully autoclavable
- Super blow-out piston with volumes of 50µL and below ensures delivery of micro-size drops

Cat No.	Volume range, µL	Accuracy
11827351	1 to 10	±2.5 to 1%
11867351	10 to 100	±3 to 0.8%
11887351	100 to 1,000	±1 to 0.6%
11807361	1,000 to 10,000	±2 to 0.5%
8-channel		
11807381	5 to 50	-
10339263	30 to 300	-

PIPETTOR TIPS, THERMO SCIENTIFIC FINNTIP™

Ensure a better seal with the pipetter module, for higher accuracy and precision. The Thermo Scientific™ Finntip™ Flex™ pipette tips reduce the amount of force needed to attach and eject tips, significantly lowering the risk of repetitive stress injury (RSI).
- Excellent for single and multichannel pipetting
- Sterile tips are supplied in vacuum sealed, sterilised, 10 × 96 rack and they are certified to be free from DNA, DNase, RNase and Endotoxins
- Save space with refills

Cat No.	Volume, µL	Pack qty
11863420	10	10 x 96
11738184	300	10 x 96
11458479	1,000	10 x 96
10715305	10,000	100

PIVOT NOZZLE BOTTLES, LDPE

- Round LDPE bottles fitted with a pivoting nozzle closure
- Nozzle retracts into cap to seal bottle
- Suitable for use as a dropping or wash bottle and excellent for dispensing gels
- Good resistance to chemical attack

Azlon

Cat No.	Capacity, mL	Diameter, mm	Height, mm	Pack qty
10349794	30	32	66	10
10411055	60	40	79	10
10399504	150	59	120	10
12559185	250	59	145	10
12569185	500	74	174	10

BOTTLES WITH SPOUTED CAP, LDPE

- Round LDPE bottles fitted with spouted dropper closure
- Closure features a captive sealing cap and can be cut to adjust flow rate
- Suitable for use as a dropping or dispensing bottle
- Good resistance to chemical attack

Azlon

Cat No.	Cap size	Capacity, mL	Diameter, mm	Height, mm	Pack qty
12054827	28R4	30	32	93	10
10709385	28R4	60	40	109	10
12084747	28R4	150	50	147	10
12084707	28R4	250	60	174	10
10044804	28R4	500	73	194	10

SAMPLE STORAGE

600mm WING DOOR SAFETY CABINETS FOR ACIDS AND ALKALIS

- Safety elements assembled outside the storage compartment for increased protection against corrosion, easy to clean
- Two hermetically separated storage compartments
- Cylinder locking (integration in locking system possible)
- Adjusting aids to compensate for uneven floor
- Integrated metal-free air ducts ready for connection (NW 75) to a technical exhaust system with only one extraction air inlet
- Excellent venting - separate extraction air of storage compartments
- GS approval
- EN 14727 conformity (laboratory furniture)
- Weight, kg: 125
- Extraction air, NW: 75
- Air exchange 30 times, m³/h: 35
- Pressure drop inside the cabinet, Pa: 56

asecos

Cat No.	Dimensions exterior, W x D x H, mm	Dimensions interior, W x D x H, mm	Pack qty
12643515	600 x 605 x 1,970	485 x 565 x 930	1

UNDERBENCH SAFETY CABINET FOR ACIDS AND ALKALIS

- Made of highly resistant melamine coated special plates
- Two separated storage compartments (model SL.060.140.UB and SL.060.110.UB)
- Cylinder locking
- Integrated venting system ready for connection (NW 75) to a technical exhaust system at the cabinet back, permanent ventilation of both compartments via only one extraction air inlet
- GS approval
- EN 14727 conformity (laboratory furniture)
- Weight, kg: 36
- Extraction air, NW: 75
- Air exchange 30 times, m³/h: 7
- Pressure drop inside the cabinet, Pa: 5

asecos

Cat No.	Dimensions exterior, W x D x H, mm	Dimensions interior, W x D x H, mm	Pack qty
13479716	590 x 570 x 600	488 x 531 x 562	1

90 MINUTE SAFETY STORAGE CABINET Q-CLASSIC-90 RAL-7035

Type 90 safety storage cabinet Q-CLASSIC-90, Q90.195.060 including three shelves, perforated insert and bottom collecting sump plastic laminated sheet steel RAL 7035.
- Robust construction and longevity – triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- Easy handling with comfort – doors stop in any position, self-closing in the event of fire
- No unauthorised use – doors lockable with cylinder locking (integration in a locking system possible) and locking state indicator (red/green)
- Easy transport – integrated transport base with removable, optional base cover
- Easy alignment - adjusting aids to compensate for uneven floor
- Quickly put into operation – integrated air ducts ready for connection (NW 75) to a technical exhaust system
- Furnace tested (type test) in accordance with EN 14470-1
- Fire resistance 90 minutes
- GS approval, CE conformity
- EN 14727 conformity (laboratory furniture)
- Maximum load, kg: 600

Cat No.	Dimensions exterior, W x D x H, mm	Dimensions interior, W x D x H, mm	Pack qty
11934796	600 x 615 x 1,955	450 x 520 x 1,645	1
11924776	1,200 x 600 x 1,970	1,130 x 505 x 1,685	1

WASTE BIN FOR DISPOSAL OF CLOTHS, RAGS, WIPERS SOAKED IN OIL

Raised, ventilated bottom promotes air circulation, prevents spontaneous combustion.
- Rugged, lead-free galvanised-steel body with reinforced ribs
- Trilingual safety label
- Self-closing, opens easily with foot treadle

Cat No.	Capacity, L	Diam. x Height, mm	Pack qty
11963589	38	354 x 467	1

DISPENSING CAN

Dispensing cans for one handed dispensing of liquids directly onto work surface, 240mL capacity
- One-handed dispensing of liquids directly onto work surface
- Leakproof, self-closing valve
- Dispensing valve minimises spills and controls excess
- FM approved brass valve, ideal for use with flammables
- Textured HDPE body provides firm grip

Cat No.	Capacity, mL	Diam. x Height, mm	Pack qty
11933679	240	78 x 139	1

CHEMICALS, SOLVENTS

- Certified AR for analysis

Cat No.	Description	Pack qty
10162180	Acetone 2.5	2.5L
10253470	Cyclohexane	2.5 L
10784941	Dichloromethane	2.5L
10437341	Ethanol	2.5L
10386320	Ethyl acetate	2.5L
10396090	Methanol	2.5L
10784751	n-heptane	2.5L
10315720	Propanol	2.5L
10783601	n-hexane	2.5L
10356390	Toluene	2.5L

CHEMICALS, REAGENTS

- Reagents for sample preparation

Cat No.	Description	Pack qty
Acros Organics		
10424225	Ambersep 900, OH form ion-exchange resin	2.5kg
10522011	tert-Butyl methyl ether, 99%, pure	2.5L
10702394	N,N-Dimethylformamide, 99.8+%, for spectroscopy ACS	1L
10145263	Osmium tetroxide, 4 wt.% solution in water	10mL
10767234	Palladium(II) acetate, 47.5% Pd	1g
10752723	Tetrabromophenol Blue, pure	5g
10247043	Titanium(III) chloride, 20% w/w solution in 2N Hydrochloric acid	25mL
13505010	Dextran sulfate sodium salt, approx. M.W. 6,500 - 10,000	25g
Fisher Chemical		
10690311	Anti-bumping granules, extra pure, fused alumina	1kg
10626262	Gum acacia, technical, powder	500g
10754961	Sodium thiosulfate pentahydrate, technical	3kg
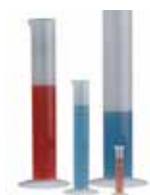
CYLINDERS, PPCO, GRADUATED, WITH SPOUT

- Large rounded base ribbed for reinforcement and stability
- Calibrated 'To Contain/To Deliver' at 20°C - meets ASTM laboratory standards
- Chemical, heat and impact resistant makes these cylinders excellent for long term use
- No meniscus to confuse readings - eliminates guesswork

Fisherbrand™

Cat No.	Capacity, L	Pack qty
11997874	100	8
11907884	250	8
11967874	500	6
11937874	1,000	4
11927874	2,000	2

WASH BOTTLES, LDPE

- Labelled and colour coded for most commonly used solvents
- Translucent with coloured closure
- Comes with vented 38mm closure to prevent solvent drips
- 500mL capacity

Fisherbrand™

Cat No.	Label	Closure colour	Pack qty
11785233	Ethanol	Natural	6
11745243	Water Solvant	Natural	6
11745233	Acetone	Red	6

ICE FLAKE MAKER

- Electronically controlled operation, with self-diagnostic functions with external alarm lights providing operational information for early alert and fast diagnosis of operating issues
- Pressure-based water level monitoring system may work with demineralised water as well as with standard water
- Plug-n-play configuration right out of the box - just connect incoming water line and water discharge
- External components constructed from corrosion-resistant stainless steel, crafted for optimal aesthetic appeal through superior fit and finish
- Ergonomically convenient, slanted & disappearing storage bin door
- Front access for easier maintenance
- Front-in, front-out airflow allows for built-in installations
- CFC-free R-134a refrigerant
- Dimensions, mm: 813 x 535 x 621

Hubbard systems

Cat No.	Output	Capacity, kg
10049789	70kg/24hr	25

BOTTLES, CARBOY, HDPE AND PP

Fisherbrand carboys are ideal for storing and dispensing purified water and a wide variety of lab reagents
- Space saving rectangular design
- Wide mouth closure
- Available in 9L or 20L, with or without spigot
- Graduated in litres and gallons
- Material:
  - HDPE, able to withstand low temperatures
  - Polypropylene, autoclavable

Fisherbrand™

Cat No.	Material	Capacity, L	Pack qty
13458029	HDPE without spigot	9	1
13478029	HDPE without spigot	20	1
13448029	PP without spigot	9	1
13468029	PP without spigot	20	1
13438039	HDPE with spigot	9	1
13408039	HDPE with spigot	20	1
13418039	PP with spigot	9	1
13428039	PP with spigot	20	1

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Is food analysis important to your process?

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FOOD ANALYSIS

Fisher Scientific

MICROCENTRIFUGES, MICRO 17/17R

- Capacity: 48mL (24 x 15/2mL tubes)
- Maximum speed/RCF: 13,300rpm/17,000xg
- Adjustable 99 minute timer and quick-spin feature for short runs
- Supplied with rotor and biocontainment lid

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

TUBE, MICROTUBE

- Use between -80°C to 120°C
- Flat cap
- Withstand speeds up to 26,000xg
- DNase, RNase free
- Polypropylene
- Graduation molded
- Autoclavable
- Non-sterile

Cat No.	Capacity, mL	Colour	Diam. x height, mm	Pack qty
11926955	1,5	Natural	11 x 40	500

TUBES, CENTRIFUGE, THERMO SCIENTIFIC NUNC™ EZ FLIP™ CAP

- Integrated leakproof cap prevents cross contamination and lost closures
- Patented hinged-cap system
- Ergonomic design for one handed opening and closing
- Clarified polypropylene construction provides chemical resistance and high RCF tolerance
- White writing area and flat caps for sample identification
- Printed graduations
- Standard dimensions compatible with centrifuge rotors
- 15mL and 50mL versions are available

Cat No.	Description	RCF, xg max	Inner pack qty	Pack qty
10512802	15mL bulk	8,500	50	500
10777414	15mL racked	8,500	50	500
10048631	50mL bulk	9,500	25	500
10571663	50mL racked	9,500	25	500

CENTRIFUGAL CONCENTRATORS, VACUUM, SPEEDVAC™ KITS

- Capacity: 48mL (24 x 15/2mL tubes)
- Maximum speed/RCF: 13,300rpm/17,000xg
- Adjustable 99 minute timer and quick-spin feature for short runs
- Supplied with rotor and biocontainment lid

Cat No.	Description	Pack qty
12642735	SpeedVac concentrator SPD111V Package 1, includes : SpeedVac concentrator basic model biology; universal vacuum system (oil free pump and -50°C refrigerated vapour trap; glass condensation flask; 40 x 1.5mL rotor; tubing package (12 foot length of thick walled tubing, cutter, clamps, fittings, manual bleed valve, instructions); CryoCool™ heat transfer fluid (1L)	1
11353553	SpeedVac concentrator SPD111V Package 2, includes: SpeedVac concentrator, basic molecular biology; -105°C, ultra-low temperature refrigerated vapour trap; high vacuum pump; 40 x 1.5mL rotor; universal tubing package; digital vacuum gauge; chemical trap kit for use with disposable cartridge; disposable cartridge with colour indicator for trapping acids and water vapour; glass condensation flask; vacuum pump lubricating oil, CryoCool heat transfer fluid (1L)	1
12692755	SpeedVac concentrator SPD121P Package 1, includes: SpeedVac concentrator; -105°C, ultra-low temperature refrigerated vapour trap; oil free ETFE/PFA four-headed pump; 64 x 1.5mL rotor; digital vacuum gauge; chemical trap kit for use with disposable cartridge; disposable cartridge with colour indicator for trapping acids and water vapour; tubing and fitting (4 foot length of clear, thick-walled vacuum tubing, two clamps, cutter); glass condensation flask; CryoCool heat transfer fluid (1L)	1
12622765	SpeedVac concentrator SPD131DDA Package 1, includes: SpeedVac concentrator, acid resistant; -105°C, ultra-low temperature refrigerated vapour trap; oil free ETFE/PFA four-headed pump; rotor for 40 x 12mm x 75mm glass tubes; glass condensation flask; CryoCool heat transfer fluid (1L); tubing and fitting kit (4 foot length of clear, thick-walled vacuum tubing, two clamps, cutter)	1
12602765	SpeedVac concentrator SPD131DDA Package 2, includes: SpeedVac concentrator, basic molecular biology; -5°C refrigerated vapour trap; vacuum pump; rotor for 15 x 15mm x 45mm 1 dram vials; chemical trap kit for use with disposable cartridge; disposable cartridge with colour indicator for trapping acids and water vapour; tubing and fitting kit (4 foot length of clear, thick-walled vacuum tubing, two clamps, cutter); glass condensation flask; CryoCool heat transfer fluid (1L); vacuum pump lubricating oil	1

CONICAL CENTRIFUGE TUBES

- 15mL and 50mL Capacity
- Available in PP and PET
- Black graduation marks
- White marking area
- Flat cap and plug seal cap
- Gamma irradiation sterilisation
- Bulk or rack version

Cap flat top	Cap plug seal	Capacity, mL	Max. rcf, xg	Material	Dia. x H, mm	Sterile	Inner pack qty	Pack qty
Bulk								
11755075	11765075	15	6,000	PP	17 x 119	Yes	25	500
11512303	11809650	50	9,400	PP	29 x 114	Yes	25	500
-	11829650	50	9,400	PP	29 x 114	No	25	500
Rack								
-	11879640	15	1,800	PET	17 x 119	Yes	50	500
11849650	11889640	15	6,000	PP	17 x 119	Yes	50	500
-	11839650	50	1,800	PET	29 x 114	Yes	50	500
11819650	11899640	50	9,400	PP	29 x 114	Yes	50	500

HOMOGENISER

• Hand-held or bench top operation
• Ideal for use with a wide range of hard or soft samples

Fisherbrand™

Cat No.	Description	Pack qty
15183007	Model 500, 11,000 to 30,000rpm	1
15123017	Base stand for model 500 and 1,000	1

STIRRERS, OVERHEAD, DIGITAL

• Built for high volume/high viscosity lab or pilot plant applications
• High performance brushless DC motors
• Overload protection
• Hollow through shaft for easy impeller adjustment
• Clamp, stand and mixing impellers available separately
• Safety approved to EN 61326 CE / IEC 61010-1 and 61010-2-51,
  EMC EN 50081-1, EN 50082-1 ROHS, WEEE
• Three year warranty

Fisherbrand™

Cat No.	Description	Pack qty
15203807	Overhead stirrer, 40 to 2,000rpm, 25L	1
15293797	Overhead stirrer, high torque, 20 to 3,000rpm, 60L	1

POLYMIX HAMMER AND CUTTING MILLS

• **Cutting mill**
Equipped with a 3-blade rotor for fibrous materials: wood, leaf, paper, glass fibre, textile, leather, plastic, etc.
• **Hammer mill**
Equipped with a 3-hammer rotor for brittle materials: minerals, cereal, coffee, tablets...
• **Interchangeable rotor**
Increased flexibility at low cost.
• **Safety**
LCD screen with display of messages and the rotation speed. Automatic motor shutdown when opening the grinding chamber. Auto standby.
Aluminium frame with carry handle.
Stainless steel lining and grinding chamber with rounded CN29 output for sample recovery in a tube or laboratory glassware. Manual adjustment of the feed rate of the grinding chamber. Delivered with 1mm sieve, 12 collecting tubes on stand, cleaning kit and rotor change.
• Opening: 20mm x 20mm
• Speed: 50 to 6,000 r/min
• W x D x H: 250 x 330 x 480mm
• Power: 230 V - 50 Hz
• Absorbed power: 1,000 W
• Max. sound level: 70 dB

KINEMATICA AG

Cat No.	Description	Pack qty
11900359	Polymix cutting mill	1
11910359	Polymix hammer mill	1

CUTTING MILLS MICROTRON™

For mixing, dispersing, homogenising, emulsifying and size reduction of cuttable materials
• Starts only when safety hut or lid are well attached
• 550W or 800W motor with speed regulation from 500rpm up to 17,000rpm
• Blades made with stainless cutlery steel
• Glass attachments with volumes of 125mL, 250mL, 0.5L and 1L
• Stainless steel attachments with volumes of 2L and 4L

KINEMATICA AG

Cat No.	Description	Pack qty
11940049	Microtron™ MB550 cutting mill	1
11979058	Microtron™ MB800 cutting mill	1

STIRRER, MAGNETIC, ULTRAFLAT, ESP

Ultraflat magnetic stirrer with no moving mechanical components.
• Gentle start-up
• 1,100rpm
• 5L stirring volume (H2O)
• Ergonomic design
• High resistance to chemical reagents

VELP SCIENTIFICA

Cat No.	Description	Pack qty
11791174	ESP magnetic stirrer, 100-240V, 50/60Hz	1

STIRRERS, MAGNETIC, ISOTEMP RT, D50/6

• Low profile; light weight design with small foot print
• Strong magnetic coupling to ensure consistent stirring during experimental procedures
• Speed control : 150 to 2,500rpm
• Two non-slip silicone plate covers provided with all unit one white-one black

Fisherbrand™

Cat No.	Diameter, mm	Stirring capacity, L	Pack qty
15336607	120	2	1
15346607	170	4	1
15356607	220	5	1

VORTEX MIXER

- Speed: 0 to 3,000rpm
- Touch or continuous operation
- Technopolymer body for higher chemical resistance
- Orbit diameter: 4.5mm
- Dimensions, internal [w x d x h], mm: 153 x 170 x 125

Fisherbrand™

Cat No.	Description	Pack qty
13214789	Vortex mixer, speed 0 to 3,000rpm	1

SHAKER, ROCKER, DIGITAL

- Compact design ideal for incubators, chambers and refrigerators
- Digital speed control 5 to 100rpm
- Easily adjustable tilt angle 5° to 13°
- Includes dimpled mat + 2 fixing bands

Thermo SCIENTIFIC

Cat No.	Description	Pack qty
15218844	Rocker, digital	1

SHAKER, ROTATOR, WAVING

- Compact design ideal for incubators, chambers and refrigerators
- Digital speed control 8 to 100rpm
- PID control
- Easily adjustable tilt angle 0° to 13°
- Includes dimpled mat + 2 fixing bands

Thermo SCIENTIFIC

Cat No.	Description	Pack qty
15238844	Rotator, waving	1

STIRRING HOTPLATE ISOTEMP™

- Isotemp™ stirrers are designed to provide precise stirring control for most routine protocols
- Features slow speed stirring, consistent speed control, and strong magnetic coupling
- Stir bar is included with stirrer
- Three years warranty
- Certifications: CE
- RoHS compliant
- Splash guard protection shield 18cm x 18cm accessory also available
- Surface type: ceramic
- Plate dimensions, mm: 180 x 180

Fisherbrand™

Cat No.	Description	Pack qty
15353528	Stirring Hotplate Isotemp Hotplate, digital, Isotemp™ Advanced EU plug	
15363528	Stirring Hotplate Isotemp Hotplate, digital, Isotemp™ Advanced UK plug	
15333518	Stirring Hotplate Isotemp Stirrer, magnetic, Isotemp™ EU plug	
15343518	Stirring Hotplate Isotemp Stirrer, magnetic, Isotemp™ UK plug	
15393528	Stirring Hotplate Isotemp Hotplate stirrer, magnetic, Isotemp™ Advanced EU plug	
15303538	Stirring Hotplate Isotemp Hotplate stirrer, magnetic, Isotemp™ Advanced UK plug	

HOTPLATES, ISOTEMP RT DIGITAL 230V, 50/60HZ

- Low profile design
- Digital control
- You can easily set your own temperature limit at any value between 0°C and 350°C
- Overheat prevention circuit turns off the heater if the hot plate temp reaches 450°C
- Hot top warning indicator
- Keypad lock button
- Three user selectable temperature modes: Optimal, Fast or Slow mode
- Two user selective timers: showing actual and set value simultaneously
- Separate operation Run/Stop button

Fisherbrand™

Cat No.	Description	Pack qty
15306607	RT digital hotplate	1
15316607	RT hotplate stirrer	1
15326607	RT advanced hotplate stirrer	1

HOTPLATE STIRRER RT2

Each unit is equipped with hot top warning and built-in temperature shut-off. Overheat prevention circuit turns off the heater if the top plate temperature reaches 450°C.
- Hot top warning indicator
- Adjustable temperature limit: 50° to 350°C

Thermo SCIENTIFIC

Cat No.	Description	Pack qty
15248824	Hotplate stirrer, RT2, 140mm ceramic coated aluminium plate	1

CIMAREC+™ STIRRER SERIES

Thermo Scientific™ Cimarec+™ series digital stirrers offer precise stirring control for your routine protocols. The Cimarec+ Series are available in three sizes, providing flexibility from microscale chemistries to production operations.
• Speed: 50 to 1500rpm
• Material: Ceramic
• Easy-to-read LED display for stirring
• Raised display design protects electronics from spills
• Optional splash guard protection shield

Cat No.	Top plate surface, mm	Dimensions (L x W x H), mm	Pack qty
15463600	108 x 108	254 x 127 x 91	1

SUPERNUOVA+™ HOTPLATE SERIES

Thermo Scientific™ SuperNuova+™ hotplate series provides reliable performance, dependable safety and simple operation. Units are available in two sizes, including a multi-position model with optimised controls and settings for applications that demand advanced precision.
• Easy-to-read LED display for heating and stirring
• Raised display design protects electronics from spills
• Ability to set programs (ramp/dwell) as well as save settings
• Top plate material: Ceramic
• Stir Trac features innovative engineering for slow-speed stirring, consistent speed control, and stronger magnetic coupling
• Hot top warning system protects from accidental burns with prominent display when heating surface is above 50°C

Cat No.	Temperature max	Top plate surface, mm	Dimensions (L x W x H), mm	Pack qty
15463610	450°C	184 x 184	330 x 208 x 97	1

FILTER PAPERS, GLASS MICROFIBRE, GF/F, 0.7µm

• Used to filter finely precipitated proteins
• An ultrafine filter capable of retaining particles as small as 0.7µm in liquids, but unlike membrane filters it has a rapid flow rate and an extremely high loading capacity
• It can be used in conjunction with GF/D range (please visit our website) for the successful clarification of 'extremely difficult' biochemical solutions and fluids

Cat No.	Diameter, mm	Pack qty
11350604	25	100
11370604	47	100

FILTER PAPERS, GLASS MICROFIBRE, MF 300

• High loading capacity
• Made from 100% borosilicate glass
• Compatible with many solvents and reagents
• Contain no binder
• Not affected by humidity
• Suitable for use at and up to 500°C
This filter is suitable for general filtration of solvents, analysis of HPLC samples, filtration of proteins and biochemical solutions plus other applications where fine particulates are involved

Cat No.	Diameter, mm	Retention, µm	Pack qty
11764083	47	0.7	100
11704083	47	1.2	100
11764093	90	0.7	25
11714083	90	1.2	100

FILTER HOLDER, MEMBRANE HOLDER, GLASS, 47mm, VACUUM

For vacuum filtration of aqueous, organic or corrosive liquids for particulate contamination analysis.
Also recommended for HPLC solvent filtration. Vacuum connection to integral base and flask cap is above filtrate exit level, avoiding risk of drawing filtrate droplets into vacuum tubing. Laminated filters will not seal correctly in this holder.
Warning: Not recommended for use with flammable liquids.

Cat No.	Description	Pack qty
10658451	Filter holder vacuum with fritted glass support glass funnel 300mL flask 1L	1

LABORATORY VACUUM PUMP

- Laboratory vacuum pump, standard, membrane, aluminium/PTFE
- 15L/min, down to 100mbar
- Filtration of aqueous or non-aggressive solvent solution
- Vacuum oven, degassing, gas transfer

Fisherbrand™

Cat No.	Description	Pack qty
12695326	Laboratory vacuum pump	1

PUMP, VACUUM AND PRESSURE, OIL FREE

- Oil free piston pump designed for general duty laboratory applications requiring only a rough vacuum and moderate pressure
- Tough, lightweight, plastic housing with integral carrying handle
- Water jet or aspirator replacement for general duties
- Lightweight, compact, portable, standard-duty operation
- Applications include vacuum filtration, aeration, aspiration, gas sampling
- Not recommended for organic, basic and acidic vapours
- Dimensions (w x d x h), mm: 114 x 194 x 191

Fisherbrand™

Cat No.	Description	Pack qty
11533485	Pump, vacuum and pressure, oil free	1

LABORATORY VACUUM PUMP

- Oil free pump for degassing, filtration, desiccation, aspiration and tissue culture.
- Compact
- Economical
- Aqueous and chemical PTFE versions
- High flow versions for viscous and large well systems
- Tissue culture versions accessorised ready for use
- Pressure, mbar: 133
- Flow rate, L/min: 18
- Dimensions (L x W x H), mm: 194 x 114 x 191

WELCH
A Gardner Denver Product™

Cat No.	Description	Pack qty
10191942	Laboratory vacuum pump	1

FILTER UNITS, SYRINGE, NON-STERILE

- Perfect for daily routine analysis
- Nylon membrane for aggressive aqueous solutions, hydrophobic PTFE for aqueous or organic solutions

Fisherbrand™

Cat No.	OD, mm	Pore size, µm	Membrane	Pack qty
15121499	25	0.2	Nylon	50
15131499	25	0.45	Nylon	50
15181489	25	0.2	PTFE Hydrophobic	50
15101499	25	0.45	PTFE Hydrophobic	50
15141499	25	0.2	PTFE Hydrophilic	50
15151499	25	0.45	PTFE Hydrophilic	50
15161499	13	0.2	PTFE Hydrophilic	100
15171499	13	0.45	PTFE Hydrophilic	100
15181499	33	0.2	PES	50
15191499	33	0.45	PVDF	50
15206869	33	0.2	PES	50
15216869	33	0.45	PES	50

GE
Distributor
GE Healthcare

FILTER UNITS, SYRINGE, GD/X™ AND GD/XP™

Enable filtration of hard to filter or viscous samples. Applications include: sample preparation, dissolution testing, content uniformity, concentration analysis. GD/X™ syringe filters, with unique prefiltration stack of Whatman™ GMF 150 (graded density) and GF/F glass microfibre filters, are ideal for use with sample volumes of up to 10mL (13mm filter) or greater than 10mL (25mm filter) (11314794 and 11334794 contain GMF150 but not GF/F prefilter). GD/XP™ syringe filters are ideal for use with samples that require ion analysis, as levels of ion extractables are minimised, they contain a prefilter stack of 20µm and 5µm polypropylene filters

Model No	GD/X™	GD/XP™
Diameter, mm	13	25
Effective filtration area, cm²	1.3	4.6

Cat No.	Description	Membrane	Pore size, µm	OD, mm	Pack qty
11334764	GD/X™	Nylon	0.2	25	150
10279090	GD/X™	Nylon	0.45	25	150
11394764	GD/X™	PVDF	0.2	25	150
11304774	GD/X™	PVDF	0.45	25	150
11354774	GD/X™	PTFE	0.45	25	150
11344774	GD/X™	PTFE	0.2	25	150
11344804	GD/XP™	Nylon	0.45	25	150
11330344	GD/XP™	Nylon	0.45	25	1,500
11354804	GD/XP™	PVDF	0.45	25	150
11370344	GD/XP™	PVDF	0.45	25	1,500

THERMO SCIENTIFIC HERATHERM COMPACT MICROBIOLOGICAL INCUBATORS

- Minimal footprint for space restricted lab areas
- Temperatures at or below ambient
- High temperature accuracy
- Internal light facilitates sample observation
- Convection technology: mechanical convection
- Temperature range °C 17 - 40
- Spatial temperature deviation at 37 °C: ± 1.2 °C
- Temperature deviation over time at 37 °C: ± 0.2 °C
- Footprint m²: 0.12
- Dimensions
  - Interior, mm (W x H x D): 180 x 310 x 290
  - Exterior, mm (W x H x D): 260 x 415 x 4,705

Number of shelves supplied/max: 2/3

Energy consumption at 37 °C: 14W

Cat No.	Capacity, L
10699640	18

THERMO SCIENTIFIC ENVIRONMENTAL CHAMBERS

- Ideal for drug stability studies, shelf life testing of packaged products, controlled temperature storage, insect and large scale biological research
- 0° to 60°C (32° to 140°F) temperature range that can be set in 0.1°C increments
- Optimum uniformity and a wide temperature range allow for easy compliance with regulatory requirements
- Rugged construction and durable shelving provide for long life
- Customisable options are available for this series
- Full two year parts and labour warranty
- Shelves, supplied/max: 5/26
- Temperature range: 5° above ambient to 60°C
- Temperature control: ±0.1°C
- Temperature uniformity: ±0.3° @ 25° to 37°C
- Also available 821L model: 15563771 without refrigeration and humidity control

Cat No.	Capacity, L	Dimensions interior, mm (W x H x D)	Dimensions exterior, mm (W x H x D)	Shelves, supplied/max
15480430	311	686 x 787 x 609	813 x 965 x 1,308	6/19
15470430	821	686 x 787 x 1,524	838 x 965 x 2,032	5/26

THERMO SCIENTIFIC HERATHERM MICROBIOLOGICAL INCUBATORS, GENERAL PROTOCOL

Safe
- Safe view of samples through internal glass door, without impact on temperature
- Safe conditions with superior temperature uniformity
- Safe containment with automatic overtemperature alarm
- Alarm in case of temperature deviations

Easy
- Easy temperature setting with intuitive user interface
- Easy to remove 'One Click' shelf system
- Easy to clean interior with rounded corners
- Easy to read large display

Efficient
- Efficient small footprint to optimise bench top space
- Conveniently stackable without the need for tools or stacking kits
- Efficient utilisation of interior with flexible shelf system
- Incubators are supplied with two shelves

	10529070	10839810	10744262	12625306	12635306
Model No	IGS60	IGS100	IGS180	IGS400	IGS750
Capacity, L	75	117	194	400	750
Power rating, W	300	520	710	1200	1500
Current, A	3.7	2.3	3.1	5	6.5
Dimensions, external [w x d x h], mm	530 x 565 x 720	640 x 565 x 820	640 x 738 x 920	778 x 1,545 x 770	1,261 x 1,545 x 770
Dimensions, internal [w x d x h], mm	354 x 414 x 508	464 x 414 x 608	464 x 589 x 708	544 x 1,305 x 569	1,004 x 1,307 x 569
Number of shelves, supplied/max	2/13	2/16	2/19	2/39	2/39
Mass, kg	40	51	65	145	201

THERMO SCIENTIFIC HERAEUS™ VACUUM OVENS

- Range of jacket heated vacuum ovens with stainless steel chambers
- Kelvitron electronic temperature controller with digital display
- DN25KF vacuum connection on rear of oven
- Inert gas connection
- Temperature max: 200°C
- Spatial temperature deviation at 200°C: ±4°C
- Weight: 82kg

Cat No.	Capacity, L	Dimensions interior, mm (W x H x D)	Dimensions exterior, mm (W x H x D)	Shelves
10019490	53	415 x 371 x 345	744 x 570 x 576	2

GLOVES, NITRILE, PPE, CATEGORY III KIMTECH SCIENCE™ COMFORT NITRILE

Combines high comfort, quality and cleanliness for protection in low risk research applications.
• PPE Category III
• A brand-new nitrile formulation engineered for comfort
• 150 gloves per standard sized box
• Better chemical protection than latex, tested on the 6 most common chemicals in the lab
• Non-contaminated gloves can be recycled through our RightCycle Programme

Cat No.	Size	Pack qty
15302256	XS	150
15312256	S	150
15322256	M	150
15332256	L	150
15362206	XL	150

GLOVES, NITRILE, DISPOSABLE, POWDER FREE, KIMTECH SCIENCE™ PURPLE NITRILE™

Excellent choice for higher risk applications in life sciences and non-sterile pharmaceutical manufacturing. Best combination of protection, cleanliness and quality. Best chemical protection in the KIMTECH SCIENCE™ range, tested against over 50 chemicals and 20 cytotoxic drugs. Strength, quality and cleanliness tracked by certificate of analysis. PPE cat III compliant, AQL 0.65, EN 374-1 and -2, ISO 16604, food contact approved.

Cat No.	Size	Pack qty
10737655	XS	100
10248264	S	100
11889610	M	100
11899610	L	100
11809620	XL	90

GLOVES, CLEANROOM, NITRILE, STERILE PPE CATEGORY III, KIMTECH PURE™ G3 WHITE

• Certified PPE Category III
• Extra dexterity and comfort
• Ideal for EU GMP ISO Class 5 Grade A cleanrooms
• Sterility assurance level 10^{-6}

Cat No.	Size	Pack qty
11718532	6	100
11728532	6.5	100
11738532	7	100
11748532	7.5	100
11758532	8	100
11768532	8.5	100
11778532	9	100

GLOVES, DISPOSABLE, POWDER FREE KIMTECH SCIENCE™ GREEN NITRILE™ PPE, CATEGORY III

• Great value nitrile glove with the fit and feel of latex
• Comfortable, durable and sustainable
• 250 gloves per standard sized box reduces waste, space and environmental impact
• Tested against over 30 chemicals. PPE Category III compliant, AQL 0.65, EN374-1 and -2, ISO 16604, food contact approved

Cat No.	Size	Pack qty
11719295	XS	250
11729295	S	250
11739295	M	250
11749295	L	250
11759295	XL	225

LABORATORY COATS, SINGLE USE, KIMTECH SCIENCE™ A7 P+ CATEGORY III

• Ideal for laboratory environments with low risk of exposure to chemicals and a basic need for contamination control
• Extra protection: elastic wrists and thumb loop for full wrist coverage; extra length arms to help to keep the glove in place
• Offers Type 6 (PB) limited chemical protection, protecting the user against liquid chemicals (light splashes, sprays and aerosols)

Cat No.	Size	Pack qty
13529020	S	15
13549020	M	15
13559020	L	15
13569020	XL	15
13589020	XXL	15

OVERSHOES, KIMTECH PURE A8

• Ideal for laboratories and ISO7 cleanroom environment
• Made from highly durable waterproof material offering 4 times more grip than conventional anti-slip shoe covers
• Seamless bottom, elastic toe and heel, double-bagged, not made with silicone or latex
• Available in three sizes for a perfect fit. White.

Cat No.	Description	Pack qty
15319470	Shoe Covers A8 Anti-slip ISO 7 Size 38-42	300
15339470	Shoe Covers A8 Anti-slip ISO 7 Size 41-45	300
15359470	Shoe Covers A8 Anti-slip ISO 7 Size 44-47	300

GLOVES, NITRILE, DISPOSABLE, PURPLE, PPE CATEGORY III

- Ergonomically designed and 100% nitrile
- Latex and protein free with non-detectable residual accelerators
- Textured fingertips
- Powder free
- Length, mm: 250

Fisherbrand™

Cat No.	Size	Pack qty
11502723	2XS	100
11512723	XS	100
11522723	S	100
10223882	M	100
11542723	L	100
11552723	XL	100

DISPOSABLE HIGH-TACK SHOE COVERS

- High-Tack, disposable shoe covers provide superior protection
- Single-use
- Polyurethane
- Latex-free
- High-Tack sole

Fisherbrand™

Cat No.	Description	Colour	Size,mm	Pack qty
15421952	Shoe cover, High-Tack	Blue	Universal	300
15431952	Shoe cover, High-Tack	Blue	X-Large	300

DISPOSABLE SHOE COVERS

- Spunbond polypropylene shoe covers protect against dirt, grime and certain dry particulates
- Single-use
- Polypropylene
- Latex-free
- With or without anti-skid sole

Fisherbrand™

Cat No.	Description	Colour	Size,mm	Pack qty
15481942	Shoe cover with anti-skid	Blue	X-Large	300
15491942	Shoe cover with anti-skid	Blue	Universal	300
15401952	Shoe cover without anti-skid	Blue	X-Large	300
15411952	Shoe cover without anti-skid	Blue	Universal	300

DISPOSABLE POLYETHYLENE SHOE COVERS

- Single use, disposable covers provide convenient protection
- Polyethylene
- Latex-free

Fisherbrand™

Cat No.	Description	Colour	Size,mm	Pack qty
15451952	Shoe cover, polyethylene	Blue	X-Large	300
15461952	Shoe cover, polyethylene	Blue	Universal	300

DISPOSABLE ANTI-STATIC SHOE COVERS

- Conductive carbon strip helps eliminate static buildup
- Single-use
- Elastic ankle
- 42gms polypropylene
- Latex-free

Fisherbrand™

Cat No.	Description	Colour	Size,mm	Pack qty
15441952	Shoe cover, with conductive carbon strip	Blue	Universal	300

DISPOSABLE POLYPROPYLENE LAB COATS

- Latex-free spunbond polypropylene construction lab wear
- Elastic cuffs hold sleeves in place
- Five snaps for a secure closure
- Standard collar
- No pockets
- Fabric weight: 50g/m^2

Fisherbrand™

Cat No.	Colour	Size	Pack qty
15431922	White	S	25
15441922	White	M	25
15451922	White	L	25
15461922	White	XL	25
15471922	White	2XL	25
15481922	White	3XL	25

RESPIRATORS, 9300+ SERIES AURA™

Covers a range of applications requiring FFP1, FFP2 and FFP3 protection.
- Unique three panel design for greater comfort and easy communication
- Soft cover web on inner panel ensures greater comfort
- Centrally positioned cool flow valve reduces heat build up and makes breathing easier and cooler
- Evenly tensioned headbands to relieve strap pressure
- Lightweight and foldable
- Individually packed to avoid contamination during storage

3M

Cat No.	Description	Pack qty
11717574	9310+ premium dust respirator, provides protection against fine dusts. Individually packed, EN 149:2001 FFP1. Particulates Assigned Protection Factor 4 (NPF 4)	20
12672545	9312+ premium valved dust respirator, provides protection against fine dusts. Individually packed, EN 149:2001 FFP1. Particulates Assigned Protection Factor: 4 (NPF 4)	10
10583051	9320 premium dust/mist respirator, provides protection against fine dusts and water based mists. Individually packed, EN 149:2001 FFP2. Particulates Assigned Protection Factor: 10 (NPF 12)	20
10116544	9322+ premium valved dust/mist respirator, provides protection against fine dusts and water based mists. Individually packed, EN 149:2001 FFP2. Particulates Assigned Protection Factor: 10 (NPF 12)	10
10718615	9332+ premium valved dust/mist/metal fumes respirator, provides protection against fine dusts, water based mists and metal fumes. Individually packed, EN 149:2001 FFP3 Particulates Assigned Protection Factor: 20 (NPF 50)	10

RESPIRATORS, 8000 SERIES (CLASSIC)

The 3M™ Respirators 8000 Series provide lightweight, comfortable and effective respiratory protection against dust and mist. The convex shape, twin strap design, nose foam and nose clip ensure comfortable wear over a range of face sizes. The collapse resistant shell and proprietary 3M™ respirators offer durable, comfortable protection particularly in hot and humid conditions.

3M

Cat No.	Size	Pack qty
11703363	3M™ 8710 cup-shaped unvalved dust/mist respirator - small pack FFP1	20
11713363	3M™ 8810 Cup-Shaped Unvalved Dust/Mist Respirator - small pack FFP2	20

LABORATORY COATS, UNISEX

- Washable at 85°C
- Features include, two lower patch pockets, breast pocket with integral pen pocket, concealed stud fastened front, single rear vent for ease of movement

Fisherbrand™

Cat No.	Size	Pack qty
11558102	S	1
11568102	M	1
11578102	L	1
11588102	XL	1
11598102	XXL	1

SPECTACLES, SAFETY, 3M™ SECUREFIT™ 200 SERIES

- Design provides excellent coverage and good field of vision
- Offers excellent protection against ultraviolet (UV) radiation
- Lightweight and comfortable design (18g)
- Good impact resistance with anti-scratch coating for improved durability
- Special anti-fog coating which reduces fogging and ensures clearer vision
- 3M Pressure Diffusion Technology allows temples to naturally adjust to individual head sizes
- Self adjusting feature eliminates need to stock multiple frame sizes at worksites
- Secure, snug fit keeps eyewear in place without slippage even when the person is in motion
- Combines well with 3M™ 9300 Series respirators

3M

Cat No.	Size	Pack qty
15282025	Safety spectacles, SecureFit™, clear, anti-scratch/anti-fog	1

3M SECURE FIT SF400 SERIES SAFETY SPECTACLES

- Optical class 1 lens suitable for prolonged use
- Design provides excellent coverage and field of vision
- Protection against UV radiation
- Lightweight design (19g)
- Adjustable nose pads for secure and personalised fit
- Soft-touch dual moulded temples for increased comfort and grip

3M

Cat No.	Description
15371994	3M SecureFit 400 Protective Eyewear, SF401AF-EU, Clear PC
15391994	3M SecureFit 400 Protective Eyewear, SF402AF-EU, Grey PC
15302004	3M SecureFit 400 Protective Eyewear, SF403AF-EU, Amber PC
15322004	3M SecureFit 400 Protective Eyewear, SF408AS-EU, Mirror blue PC
15312004	3M SecureFit 400 Protective Eyewear, SF410AS-EU, Mirror I/O PC

THERMO SCIENTIFIC™ HAAKE VISCOTESTER™ 550

By its design, the Thermo Scientific HAAKE Viscotester 550 is a Searle viscometer. A rotational speed is preset and the flow resistance of the sample is measured, in other words, the torque required to maintain the set speed is proportional to the viscosity. From the torque required, the set speed and the geometry factors of the applied sensor, all final information on the viscosity, shear stress and the shear rate is calculated. The results are displayed digitally and can be printed simultaneously
• Speed range: 0.5 rpm to 800 rpm
• Uncertainty: +/-0.1%
• CD Mode: 0.0125 rpm
• Torque Range:
  – up to 400 rpm: 0.1 mNm to 30 mNm
  – up to 800 rpm: 0.1 mNm to 20 mNm
• Uncertainty: +/-0.5% FSD
• Temp. range: -50 °C to +250 °C depending on measuring system
• Interface: RS232C

Thermo SCIENTIFIC

Cat No.	Description
10474963	Thermo Scientific Haake Viscotester 550

BATH, ISOTEMP

Low-profile model enables easy bath access when lab counter height presents a challenge. Seamless stainless-steel tanks guarantee durability and easy cleaning. Robust refrigeration system ensures that samples and applications can be cooled quickly. Fine-tuned refrigeration metering allows for excellent temperature stability at all times.
• The robust refrigeration system ensures that your samples and applications can be cooled quickly
• Stainless steel tanks for durability and ease of cleaning
• Fine tuned refrigeration metering for excellent temperature stability
• Inlet/outlet connections for external circulation included
• Work area cover included
• Bath drains are located on the front of the unit
• Capacity: 1.2kW
• Weight: 35.8kg
• Pressure: 17L/min, 310mbar
• Pump type: Force

Fisherbrand™

Cat No.	Cooling capacity, W	Capacity, L	Temperature range	Temperature stability
11306651	500	6.8 to 8.6	-28°C to 150°C	±0.05°C

ARCTIC A28 REFRIGERATED CIRCULATORS

The Thermo Scientific™ refrigerated bath circulator provides efficient cooling for open and closed applications, with temperatures ranging from –40° to +200°C and maximum bath volume of 12 litres. Powerful bath circulator with a stainless-steel reservoir that can be configured with six controller options allowing you the flexibility to choose the right model for your application

Thermo SCIENTIFIC

Cat No.	Cooling capacity, W	Capacity, L	Temperature range	Pressure	Temperature stability
10679979	300	10	-28°C to 100°C	17L/min, 300mbar	±0.02°C
11630931	800	12	-28°C to 150°C	20L/min, 475mbar	±0.01°C

ARCTIC REFRIGERATED CIRCULATORS

The Thermo Scientific™ refrigerated bath features a large work area, enabling high throughput and workflow efficiency, with temperatures ranging from –5° to +100°C and maximum bath volume of 30 litres. Configure your refrigerated bath with a Thermo Scientific STANDARD or ADVANCED controller that meets your specific application needs.

Thermo SCIENTIFIC

Cat No.	Cooling capacity, W	Capacity, L	Temperature range	Pressure	Temperature stability
10597485	200	12 to 20	-5°C to 100°C	17L/min. 300mbar	±0.02°C
10048434	250	17 to 20	-10°C to 150°C	17L/min. 300mbar	±0.02°C

BATHS, CIRCULATORS, HEAT-REFRIGERATED, CLOSED SYSTEM

- Full range heating and cooling from -10°C to 80°C
- Small reservoir ensures fast temperature response time
- Small footprint
- Quiet operation
- Intuitive user interface allows user to choose between five temperature set-points
- Temperature range: -10 to 80°C
- Capacity: 2.8L
- Stability: ±0.1°C
- Heater capacity: 2000W
- Dimensions [w x d x h], mm: 227 x 436 x 619
- Mass: 29.9kg

Fisherbrand™

Cat No.	Pump pressure, mbar	Pump flow, max., L/min	Cooling capacity, W (at 20°C)
12019907	300	17	250
11336661	800	21	500

RECIRCULATING CHILLERS ISOTEMP

- Compact line of refrigerated recirculating chillers with cooling capacity of 700W
- Ideal for laboratory applications that require higher cooling and pumping capacities.
- Full range of heating and cooling from -10°C to +30°C
- Intuitive digital controller for ease of use
- Customer controlled high and low temperature alarm limits
- Small footprint and quiet operation
- Stability ±0.1°C (models I and II), ±0.5°C (model III)
- Three pump options for a variety of application requirements

Fisherbrand™

Cat No.	Description
11396631	Isotemp I Chiller PD-1 Pump, 230V/50Hz, Fisherbrand
11326641	Isotemp II Chiller PD-2 Pump, 230V/50Hz, Fisherbrand

WATER BATHS

- Temperature range from ambient to 99.9°C
- Temperature stability ±0.1°C and temperature uniformity ±0.05°C at 37°C
- Bright LCD controller with icon driven menu
- Stores three preset temperatures
- Automatic timer with option to set time to start procedure
- Global voltage - one part number works anywhere in the world
- Audible alarms help protect your work
- General purpose water baths include a polycarbonate gabled lid
- Shaking water baths with reciprocal oscillation from 30 to 200 oscillations per minute, include stainless steel gable cover, shaking tray

Fisherbrand™

Cat No.	Description
15385877	General purpose water bath 10L
15305887	General purpose water bath 28L
15325887	Shaking water bath, 15L
15335887	Shaking water bath, 27L

UBBELOHDE VISCOMETERS (ASTM)

- In accordance with ISO 3105, ASTM D 2515, ASTM D 446
- Filling quantity: 15 to 20 ml

Cat No.	Viscosity, mm²/s
10508811	60-300
10365051	0.35-1
10400883	0.6-3
12028173	2-10
10018570	200-1,000
10598801	600-3,000
10325151	2,000-10,000
10490873	6,000-30,000

WORKFLOW SOLUTIONS

RECIRCULATING CHILLER, THERMOCHILL II LOW RANGE WITH MD PUMP, THERMO SCIENTIFIC

- Temperature range from -10°C to 30°C
- 900W cooling capacity (at set point and ambient temperature of 20°C)
- Temperature stability ±0.01°C
- Accessible fill port on the top of the chiller for easy filling
- Magnetically driven pump delivers high flow rates at low pressure making unit ideal for use with laboratory glassware and other low back-pressure applications
- Pressure gauge located on control panel for easy viewing of application pressure
- Easy to use, intuitive controller with a plug-and-play design that allows you to be up and running in minutes
- High and low temperature alarms

Thermo
SCIENTIFIC

Cat No.	Description
15271418	Recirculating chiller, ThermoChill II Low Range with MD pump, Thermo Scientific

MELTING POINT APPARATUS, SMP20,

- Digital selection and display of temperature
- Accuracy 0.1 degree resolution
- Easy to operate with plateau facility
- Ideal for educational use

stuart
Part of Bibby Scientific

Cat No.	Description
15169722	Melting point apparatus SMP20 with digital 0,1°C resolution

COLORIMETERS

- Integrated RCMSi Technology for Remote Calibration
- Automatic and non-subjective colour measurement
- Consistent data compliant with international standards
- Very rugged, chemically resistant, steel construction
- Easy maintenance with removable sample chamber
- Ability to handle hot samples with high melting points
- Extensive and flexible choice of colour scales
- Remote upgrade facility
- Calculation and description of «off-hue» status
- Supplied with colour control software for data analysis
- Conformance standard, cells and spare bulb included
- Output conforming to GLP including date, time, sample & user ID
- Accommodates a wide range of sample cells and tubes
- Extensive range of accessories (e.g. thermal printer)
- 153mm (6″) sample chamber guarantees compliance with AOCS, ISO and ASTM standards
- Optional integrated heater unit

Lovibond

Cat No.	Description
13585290	Colorimeter oils, fats, waxes and transparent liquids
11370992	Colorimeter oils, chemicals and derivatives
12813223	Colorimeter mineral oils, waxes and petrochemicals

Workflow Solutions

- 10 workflows that cover all applications
- One page dedicated to personal protection because your safety is crucial for us
- A list of key products offered by our main partners

Available on: eu.fishersci.com

SPECTROCOLORIMETER LC 100

- Hand-held imaging spectrocolorimeter
- Combines with unique housing stand to protect sample from ambient light
- Enables measurement of food, powders, cosmetics & pastes
- Versatile communication of colour measurement
- Single, simple, reliable, integrated tool - no need to connect to PC
- Readings and comparison charts within seconds
- Information on colour and surface texture effects
- Conformance reports in PDF and Excel formats
- Precise image sampling with 9 band accuracy

Cat No.	Description
15564283	Spectrocolorimeter LC 100

BENCHTOP SPECTROPHOTOMETER FOR COLOUR MEASUREMENT NC45

- For the colour measurement of many types of wet and dry samples including powders, pastes, gels, plastics and paints
- Non-contact colour measurement allows sample measurements from a distance, eliminating surface distortion caused by contact based measurement methods
- Full system LED illumination provides years of reliable performance
- LED illumination is unaffected by ambient light conditions
- Line of Sight™ visibility to the sample enables technicians to quickly and easily position the sample for measurement
- Active Visual Targeting(TM) projects a prominent illuminated target ring onto the sample for precise and accurate measurements
- Dual measurement spot sizes, 6mm (1/4'') and 12mm (1/2'') which can quickly and easily be switched without the need to recalibrate
- Integrated gloss sensor provides 60° correlated gloss values
- Versatile design improves measurement capabilities on two and three dimensional objects
- Flexible quality control software allows user customisation (provided separately)

Cat No.	Description
15554283	Spectrophotometer for colour measurement NC45

LC 100 & SV 100 SPECTROCOLORIMETER

- The Lovibond™ LC 100 and SV 100 integrated package provides a unique solution to users looking to measure food, powders, cosmetics and pastes.
- The SV 100 holder supports the LC 100 at an ergonomic viewing angle to enable the measurements in Lovibond™ optical cells. A secure cap is provided to cover the sample, protecting it from any excessive ambient light, enabling quick yet accurate readings.
- The units are provided in a purpose-designed case containing all the accessories required for accurate colour measurement expected of the Lovibond™ brand.
- The Lovibond™ LC 100 enables setting and maintaining colour standards throughout the manufacturing process. It is a lightweight tool that is easy to handle and ready to use. In just over a second, it not only provides a reading of the sample but also a report telling how close the colour is to a measured standard. Together with the Lovibond™ SV 100, it is the ideal solution for the colour measurement of food, powder, cosmetics, pastes and pharmaceuticals.
- The LC 100 automatically creates conformance reports in either PDF or Excel formats for each stored sample against each standard. These can easily be shared with a PC or directly to a compatible printer (via USB mass storage mode).

Cat No.	Description
15360815	LC 100 & SV 100 Spectrocolorimeter

PHOTOMETERS MD 600 & 610

The MD 610 and MD 600 give you mobile devices in a modern design with the analytical features of laboratory photometers. All important water analysis parameters from A(luminium) to Z(inc) are covered by these two devices. Combined with the high precision of Lovibond™ reagents, a reliable and quick analysis of water samples is guaranteed. Reagent tablets, powder reagents, liquid reagents, or cuvette tests are used depending on the method.

Six long-lasting LEDs serving as a light source in combination with interference filters guarantee the highest precision. The devices are designed without moving optical parts and thus have a maintenance-free measuring unit. Up to 1,000 data records can be stored in both the MD 610 and the MD 600.

The AquaLX™ app, available free of charge, offers the possibility of transferring measurements to smart phones or tablets via Bluetooth™. The data management then enables analysis and export as a CSV file or graph via email. The app is available free of charge for Android™ and iOS™.

The proven MD 600 photometer uses the classic infrared interface with which data can be transferred by means of the IRiM module to the PC or laptop.

- Optics: LEDs, interference filters (IF) and photo sensor in transparent sample chamber
- Wavelength range:
  430 nm IF Δ = 5 nm
  530 nm IF Δ = 5 nm
  560 nm IF Δ = 5 nm
  580 nm IF Δ = 5 nm
  610 nm IF Δ = 6 nm
  660 nm IF Δ = 5 nm
  IF = interference filter
- Wavelength Accuracy: ± 1 nm
- Photometric Accuracy: 2% FS (T = 20°C – 25°C)
- Photometric Resolution: 0.005 A

Cat No.	Description
15348314	Infrared1 (MD 600)
15564273	Bluetooth™ 4.0 (MD 610), iOS™ and Android™ app for data management and email delivery

PH/MV, BENCH METER PLUS

• Intuitive Operation – Measurement Made Easy
Featuring a large, well-structured display for easy viewing, the instruments' intuitive button arrangement and simple menu ensure measurements can be performed in just a few clicks
• Compact Design – Save Space
Thanks to its compact design, little bench space is needed for the Five series meters. The sensor holder can be easily removed and stored on the side of the meter after use
• Fast Connectivity – Simple and Secure Data Transfer
The FiveEasy Plus series meters allows data to be exported either directly to a printer or a PC for further processing using its RS232 or USB ports.
• Large Display – All at a Glance
The well-arranged screen with self-explanatory icons shows all information needed such as measurement data, sensor status and current calibration
• Measuring range (pH): -2.00 to 16.00
• Resolution/ accuracy (pH): 0.01 /0.1 / ± 0.01
• Calibration points: 5
• Temperature range: 0 to 105°C
• Temperature Resolution/Accuracy: 0.1 / ± 0.3°C

Cat No.	Ideally suited for	Pack qty
15563360	Wide range of samples including emulsions and suspensions	1
15573360	Fast results in aqueous samples such as acids, bases etc.	1
15583370	Small samples in vials and test tubes	1

CONDUCTIVITY, BENCH METER PLUS

• Intuitive Operation – Measurement Made Easy
Featuring a large, well-structured display for easy viewing, the instruments' intuitive button arrangement and simple menu ensure measurements can be performed in just a few clicks
• Compact Design – Save Space
Thanks to its compact design, little bench space is needed for the Five series meters. The sensor holder can be easily removed and stored on the side of the meter after use
• Fast Connectivity – Simple and Secure Data Transfer
The FiveEasy Plus series meters allows data to be exported either directly to a printer or a PC for further processing using its RS232 or USB ports.
• Large Display – All at a Glance
The well-arranged screen with self-explanatory icons shows all information needed such as measurement data, sensor status and current calibration
• Measuring range (cond): 0.01µS/cm to 500mS/cm
• Resolution/ accuracy (cond): 0.01µS/cm to 500mS/cm
• Salinity range: 0.00 to 42psu
• TDS range: 0.01mg/L to 300g/L
• Temperature range: 0 to 105°C
• Temperature Resolution/Accuracy: 0.1 / ± 0.3°C

Cat No.	Ideally suited for	Pack qty
15533380	Aqueous samples with mid to high conductivity	1

PH/ION. S220 SEVENCOMPACT METER

The Mettler Toledo SevenCompact™ meter is the perfect choice for a wide range of applications, measuring pH, ORP and ion concentration in various units.
The new colour display with its well designed icons and menu settings in 10 languages makes operation intuitive. Applications range from routine measurements through sample analysis, data handling and data archiving in compliance with GLP regulations. Simple innovative design that meets the requirements for a universal, easy to operate pH/ion meter.
The included electrode holder with the perfectly vertical uPlace™ movement helps you bring your electrode into the position where it works best for your sample. This allows for faster measurements and reduces the risk of the sample vessel tipping over and/or damaging the sensor.
SevenCompact™ gives you the choice to view all measurement information on the display or to focus on the essentials with the uFocus™ view. Switching between the different display layouts is easy, requiring only a single key press.
This pH meter is suited for a wide range of applications; it can also measure ORP and ion concentration in various units. A single keypress is all that is required to start a measurement or calibration, toggle measurement modes or switch between displays.
• Prominent colour display, the 4.3 inch high resolution colour display makes relevant information identifiable at a glance
• Two display layouts, switch with a single key press between the full information screen or the uFocus™ layout
• Intelligent sensor management (ISM™), helps eliminate mistakes by automatic identification of the sensor upon connection and ensures that the most recent calibration is used for future measurements
• Automatic buffer recognition system allows routine calibrations to be carried out quickly without unnecessary error messages
• Connectivity and peripherals, USB and RS232 interfaces allow you to connect various peripherals simultaneously including printers, barcode scanners and a stirrer

	Measuring range	Resolution	Accuracy
pH	-2.000 to 20.000	0.001 / 0.01 / 0.1	±0.02
mV	-2,000 to 2,000	0.1/ 1	±0.2
Ion concentration	$1.00E^{-9}$ to $9.99E^{+9}$	± last signifi. digit	±0.5%
Temperature	-30.0 to 130.0°C	0.1°C	±0.1°C

Cat No.	Description and sensors
11384233	Basic kit : includes instrument, electrode holder, protective cover, operating instructions, quick guide, declaration of conformity and test certificate
11304233	Biotechnology kit : 11384233 but with InLab™ Routine Pro-ISM cable kit instead of InLab™ Expert Pro-ISM
15573423	Micro kit : 11384233 but with InLab™ Ultra-Micro instead of InLab™ Expert Pro-ISM

CONDUCTIVITY, BENCH METER PLUS

	Measuring range	Resolution	Accuracy
Conductivity	0.001µS/cm to 1,000mS/cm	0.001 to 1	± 0.5%
Temperature	-30.0 to 130.0 °C	0.1 °C	± 0.1 °C

Cat No.	Description and sensors
11314233	Includes instrument, electrode holder, protective cover,operating instructions, quick guide, with InLab™ 731-ISM, guide to conductivity measurements and 2 calibration sachets for 1,413 µS/cm and 12.88 mS/cm declaration of conformity and test certificate

THERMO SCIENTIFIC ORION STAR A211 PH BENCHTOP METER

Anyone can use this meter with its plain language screen prompts, soft keys that update for easy selection and a multilanguage interface that supports English, Spanish, French, Italian, German and Chinese
• Don't miss a reading – AUTO-READ™ locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals
• Up to 5 point pH calibration with automatic recognition for USA/NIST and DIN buffers
• Non-volatile memory holds up to 2,000 data points with time and date stamp
• Easily transfer data and keep meter software up-to-date with the USB and RS232 ports and complimentary data analysis software
• Works with almost every AC power source with the included universal power adapter, or use four AA batteries (sold separately) to run the meter on DC power

	Measuring range	Resolution	Accuracy
pH	-2,000 to 20,000	0.001 / 0.01 / 0.1	±0.02
mV/RmV	-2,000.0 to 2,000.0	0.1	±0.2
Temperature	-5°C to 105°C	0.1°C	±0.1°C

Cat No.	Description
11661449	Thermo Scientific Orion Star A211 pH benchtop meter
10101121	pH combination electrode Sure-Flow glass body

PH BUFFERS

• Traceable to NIST

Cat No.	Description	Pack qty
10545151	Buffer standard solution pH4.00 (phthalate), stabilised with 10ppm mercury (II) chloride	500
10082521	Buffer standard solution pH7.00 (phosphate), stabilised with 10ppm mercury (II) chloride	500
10082531	Buffer standard solution pH9.2 (borate)	500

BALANCES, PRECISION AND ANALYTICAL, SECURA

• Integrated protection systems for absolutely correct and reliable results
• Avoid errors caused by an unlevel balance
• The highest accuracy ensured by isoCAL automatic calibration and adjustment
• USP-compliant weighing with SQmin
• Selectable security levels to adapt the balance's error response to your needs
• GLP | GMP-compliant documentation with alphanumeric sample and batch identifiers
• Customisable GLP | GMP header information
• Safe and secure password protection

Cat No.	Capacity, g	Readability, mg	Repeatability, mg	Linearity, mg	Pan size diameter, mm
13592970	210	1	1	2	120
13532970	310	1	1	2	120
13522970	510	1	1	2	120
15284247	610	1	1	2	120
13562970	1,100	10	10	20	180
13572970	2,100	10	10	20	180
13552970	3,100	10	10	20	180
13582970	5,100	10	10	20	180
13542970	120	0.1	0.1	0.2	90
13512970	220	0.1	0.1	0.2	90

BALANCES, ANALYTICAL, EXPLORER™ SERIES

• High resolution multi-lingual colour VGA touch display with icons for simple operation
• Programmable multi-functional touch free sensors for cleanliness, speed and safety
• Multiple application modes plus library for storage of personal application settings

Cat No.	Capacity	Readability
Unapproved models		
11810113	120g	0.1g
11820113	220g	0.1g
11840113	320g	0.1g
Approved models		
11830113	220g	0.1g
11850113	320g	0.1g

MOISTURE ANALYSER

Offering high value performance for all budgets and high quality durable construction with easy one-button setup, the MBS65 is ideal for users at all skill levels. With a large backlit LCD display, a standard RS232 port, 60g capacity, readability of 0.005g/0.05% and halogen heating, the Fisherbrand MBS65 offers full operational flexibility for many applications in food or wastewater analysis, quality control protocols or agriculture.
• Large backlit LCD display and standard RS-232 port
• Easy to clean heating chambers ideal for frequent use and inexpensive maintenance
• Compact footprint designed to take up less laboratory space
• Halogen heating technology
• Repeatability (Std. Dev; g): 0.2% (3g sample), 0.05% (10g sample)
• Certifications: FCC, CE
• Warranty: Two years

Fisherbrand™

Cat No.	Description
15305123	Moisture analyser

TITRATORS TITROLINE™ KF 7500

The TitroLine™ 7500 KF is the volumetric generalist for a wide range of use and the TitroLine™ 7500 KF trace is the specialist for low water contents. Both new titrators are to be characterized by following features:
• Fast, easy and precise
• With standard methods for different applications (titer determination, blank value…)
• High visible full color display, that can be easily viewed from a distance and extreme angles
• Storage of results via USB port ,(PDF– and CSV -format)

	TitroLine™ 7500 KF	TitroLine™ 7500 KF trace
Measuring range	10 ppm – 100 %	1 ppm – 5 % (10 μg – 100 mg)
Accuracy	Dosing accuracy: < 0.15 %	0.3 % at 1 mg water
Number of user methods	50	50
Applications	KF volumetry, dead-stop-titrations (SO_2, bromine number)	KF colometry, bromine number

SI Analytics

Cat No.	Description
13486768	Volumetric KF-Titrator, scope of supply: titrator unit, interchangeable module WA 10, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1,770, micro-dual platinum electrode KF 1,100 and starter kit, power supply 100-240 V
13596600	Module 2, coulometric KF-titrator, scope of supply: titrator unit, generator electrode TZ 1752 without diaphragm, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1,754, micro-dual platinum electrode KF 1,150

MOISTURE ANALYSER MA35

Ideal for daily routine use whether in production or in the laboratory, for quality control or for inspection of incoming raw materials. To ensure incredibly fast and effective sample heating the MA35 is equipped with two powerful metal rod dark infrared radiators. Easy to understand icons guide you in three steps from taring the sample pan to starting the measurement. All important operating parameters can be accessed and changed in seconds.
• Readability, mg: 1
• Capacity, mg: 35
• Pan diameter, mm: 90

sartorius

Cat No.	Description
10601775	Moisture analyser MA35

KARL FISCHER REAGENTS

• For Karl Fischer titration by volumetry

Fisher Chemical

Cat No.	Description	Pack qty
10181570	Karl Fischer Aqualine™ Complete 5	1L
10092042	Karl Fischer Aqualine™ Complete 5K	1L
10205592	Karl Fischer Aqualine™ Matrix K	1L
10528810	Karl Fischer Aqualine™ Titrant 5	1L
10609672	Karl Fischer Aqualine™ water standard 5mg	500mL

SPECTROPHOTOMETER, THERMO SCIENTIFIC™ GENESYS™ 10S

The Thermo Scientific GENESYS 10S UV-Visible spectrophotometer is a robust and reliable UV/Vis instrument which is designed to be easy to programme and easy to use. This compact instrument offers locally controlled functionality together with USB outputs for data export and, single and multi-sampling capability as standard.
• Lamp: Xenon Flash Lamp
• Optical design: dual beam - internal reference detectorr
• Photometric linearity: 3.5 Abs
• Spectral bandwidth: 1.8nm
• Stray light: <0.08%T at 220, 340nm (NaI, NaNO2)
            <1<1.0%T 198nm (KCl)
• Voltage: 100/240V
• Wavelength range: 190 to 1,100nm
• Wavelength scan speed: 3,600nm/min

Thermo SCIENTIFIC

Cat No.	Description
12104972	Spectrophotometer, Thermo Scientific™ GENESYS™ 10S

CUVETTES, DISPOSABLE, POLYSTYRENE

- Transparency Approximately 90% between 400nm and 800nm
- Range, nm: 336 to 850
- Lightpath, mm: 10
- Dimensions [w x h], mm: 12.5 x 45

Fisher*brand*™

Cat No.	Description	Capacity, mL	Pack qty
11537692	Macro	4	100
11547692	Semi-micro	1.6	100
11847832	Semi-micro	1.6	1,000

POLARIMETER ADP440

- Multiple scales
- Temperature display
- Optical density display
- Temperature compensation
- LED/Interference filter
- Parallel printer port
- RS232 x 2 (refractometer/PC/barcode)
- Barcode reader
- High resolution LCD display
- Conforms to USP/EP/BP/JP

Specifications	Angular	ISS (°Z)
Range	-355 to + 355 selectable	-225 to +225
Resolution	0.01/0.001	0.01/0.001
Reproducibility	0.002	0.005
Accuracy	±0.01	±0.03
Beam Diameter	4mm	
Temperature	5-40 °C	
Reading Time	4 – 30 seconds (selectable)	

BS Bellingham + Stanley

Cat No.	Description
11944249	ADP440+ digital polarimeter supplied with one centre filling tube (200mm), pack of three RFID tags, instruction manual and certificate of conformity.

REFRACTOMETERS RFM900-T

- Easy clean prism
- Wide range: 1.30 to 1.70 RI
- Standard RI and Brix range
- User scale library
- Up to 6 decimal places RI
- Wide temperature range
- Peltier temperature control
- SMART temperature stability
- Auto read function

	RFM960-T	RFM970-T
Resolution		
Refractive Index	0.0001	0.000001
Sugar (°Brix)	0.1	0.01/0.001
Accuracy		
Refractive Index	±0.0001	±0.0002
Sugar (°Brix)	±0.1	±0.02
Precision		
Refractive Index	±0.00005	±0.000005
Sugar (°Brix)	±0.05	±0.005
Temperature Sensor Accuracy	±0.03°C	
Sample Temperature Stability	±0.02°C	

BS Bellingham + Stanley

Cat No.	Description
11990058	RFM960-T Peltier temperature controlled refractometer with latest integral 7" full colour touch-screen, high definition display and USB/LAN connectivity. Supplied with pack of two RFID tags, instruction manual and certificate of conformity.
15563423	RFM970-T Peltier temperature controlled refractometer with latest integral 7" full colour touch-screen, high definition display and USB/LAN connectivity. Supplied with pack of two RFID tags, instruction manual and certificate of conformity.

BOD ANALYSIS SENSORS

The BOD Sensor Systems comprise of a six or ten position stirring unit complete with BOD sensors, alkali holders for absorbing the carbon dioxide and stirring bars.
The instrument represents a complete solution for the user. It is immediately operational for measuring the BOD on four scales 90ppm, 250ppm, 600ppm and 999ppm. The sample quantity to be examined varies from 100mL to 400mL, the bottles total capacity being 500mL. The compact, easy to handle design means that six or ten BOD bottles can be housed in a small amount of space. Features a stirring system offering non stop operation without the risk of shut off or overheating.
- Complete system for BOD analysis
- Analysis performed over weekends: the BOD sensor automatically stores five BOD measurements at 24hr intervals

VELP SCIENTIFICA

Cat No.	Description
12754536	Bod sensor 6 230V/50HZ
15369494	Bod sensor 6 230V/60HZ

OXIDATION STABILITY REACTOR OXITEST

- Prediction of the oxidative stability during shelf-life studies tests the product at defined time intervals; builds an experimental curve
- Evaluation of the adequacy of storage conditions
- Evaluation of the best packaging solution
- Comparison of the oxidative stability of different formulas for food preparations
- Evaluation of the oxidative stability of vegetable oils of different botanical origin
- Evaluation of the effectiveness of antioxidants
- Information on product oxidation when the oxidation flex is not visible especially useful for products with a low fat content (4-5%) product oxidation can be achieved by combining the OXITEST with GC
- Oxidative stability test of incoming raw materials and outgoing finished products

VELP SCIENTIFICA

Cat No.	Description
11743479	Oxidation stability reactor Oxitest

KJELDAHL DIGESTION UNIT

Traditional Kjeldahl Digestion Units for nitrogen analysis and protein determination, with an aluminum heating block that offers an excellent thermal homogeneity, with a maximum working temperature of 450°C.
- Epoxy painted with chemical resistant coating
- 6-position for 250mL test tubes (Ø 42mm)
- Temperature range: ambient to 450°C / 842 °F
- Selectable ramps: up to 4 per program
- Temperature Calibration: automatic
- Stability of the heating block temperature: ± 0.5 °C
- Precision of the heating block temperature: ± 0.5 °C
- Digestion time range: 1 to 999 minutes
- Time selection: 1 minute steps

Cat No.	Description
11761164	Kjeldahl Digestion Unit

KJELDAHL DISTILLATION UNIT

Entry-level Kjeldahl distillation unit for your analyses covering different applications such as determining ammoniacal nitrogen, protein determination, nitrogen content (Kjeldahl or direct alkaline distillation), nitric nitrogen (after reduction/Devarda), phenols, volatile acids, cyanides and alcohol content.
- Corrosion-resistant technopolymer
- Time related to start for Devarda alloy analysis: 0 to 99 min
- Reproducibility (RSD): ≤ 1%
- Recovery: ≥ 99.5% at nitrogen levels between 1 and 200 mg N
- Detection Limit: ≥ 0.1mg N
- Distillation time: 5 minutes to collect 100 mL of distillate
- Sodium hydroxide addition: automatic
- Sodium hydroxide volume: 0 to 100 mL
- Tap water consumption: from 0.5L/min at 15°C – from 1L/min at 30°C

Cat No.	Description
11795664	Kjeldahl Distillation Unit

SOLVENT EXTRACTOR

Solvent extraction system suitable for the separation of a substance or a group of elements from solid and semi-solid samples according to the Randall technique.
- epoxy painted stainless steel structure
- 3 positions
- Reproducibility (RSD): ≤ 1%
- Solvent recovery: from 50 to 75%
- Max volume extraction cup: 150mL
- Number of programs: 29
- Working temperature: from 100 to 260 °C
- Cooling water: 2L/min
- Sample quantity: from 0.5 to 15g (generally 2-3 g)
- Solvent volume: from 30 to 100mL

Cat No.	Description
10787708	Solvent Extractor

MICROSCOPE A1 COMPOUND

The microsope is highly ergonomic, easy to operate and has brilliant image quality for versatile biomedical applications. Reliable microscopic images are crucial, particularly in laboratory use. With the Axio™ Lab.A1 you are guaranteed to work with a microscope that combines maximum performance and cost effectiveness. The special plus for long term microscope users is TUV approved ergonomics.

The Axio™ Lab. A1 has been designed for daily laboratory applications. Users in microbiology, cytology, haematology and pathology labs as well as college, industry and university labs will benefit particularly. All applications in brightfield, darkfield, phase contrast or fluorescence can be performed readily with the full range of ZEISS ICS objectives. A number of attractive features are designed to guarantee quick and reliable handling and ease of use, including predefined configurations. Additional configurations and accessories including daylight and warmlight LED illuminators are available on request.
- TUV approved ergonomic configuration for maximised comfort and a stress free working position
- Convenient position of all main operating elements and the use of soft touch, tactile materials
- High quality material: the stand is made of metal and all operating elements are coated with a special tactile material compound
- Long term durability through the use of high quality materials
- Excellent optical quality for reliable results
- Numerous tubes, including multi-observation, and accessories for a wide range of applications
- Transmitted light illumination: HAL 35 W, LED daylight or LED warmlight
- The Axio™ Lab. A1 ensures easy to use fluorescence with 2 LED positions
- Comfortable and convenient: all main elements are within the reach of one hand
- Integrated tool bar on the back of the microscope
- The new multi-discussion system from Carl Zeiss is compatible with Axio™ Lab.A1

MUFFLE FURNACES

Thermo Scientific™ Thermolyne™ muffle furnaces offer heating solutions for a number of application needs. From general laboratory use to industrial applications, Thermolyne furnaces are ideal for fast heat up and temperature control up to 1,100°C.

Cat No.	Capacity, L	Temperature range, °C	Temp. stability/Uniformity at 100°C
10215522	1.3	100 to 1.100	±0.3°C/±7.8°C
10453152	2.1	100 to 1.100	±0.5°C/±5.0°C

Cat No.	Description
11317170	Microscope A1 compound
Accessories	
11831900	Polariser D90° rotatable removable
11815023	Slider analyser D fixe
11844782	x 50 Frosted glass slide 76 x 26mm

OVENS, HEATING AND DRYING

From simple drying of glassware to the most complex and carefully controlled heating applications, the Thermo Scientific™ Heratherm™ oven range includes an array of solutions to match your needs.
Efficient
- Surpassing energy efficiency, increasing cost effectiveness, reducing environmental impact
- Unique door design reduces heat emission significantly
- Timer for effective usage and additional energy savings
- Space saving footprint without compromising volume
- Flexible shelving system allows for optimal space utilisation
Safe
- Routine check upon startup for optimum performance levels
- Temperature uniformity as good as ±2°C at 150°C

- Automatic audible and visual over temperature alarm
- Access port for data logging with independent sensors
Easy
- Easy to read, large display
- Easy setting with intuitive interface
- Easy cleaning with rounded corners

Temperature range, °C   General Protocol: 50 to 250
Timer   General Protocol: on/off

Thermo
SCIENTIFIC

Cat No.	Model No	Type	Volume, L	Dimensions, external [w x d x h], mm	Dimensions, internal [w x d x h], mm	Mass, kg	No. of shelves [max/standard]	Pack qty
10659650	OGS60	Gravity convection	65	530 x 565 x 720	328 x 415 x 480	42	13/2	1
10669650	OGS100	Gravity convection	105	640 x 565 x 820	438 x 414 x 580	53	16/2	1
10304150	OGS180	Gravity convection	176	640 x 738 x 920	464 x 589 x 680	66	19/2	1
10661751	OMS60	Mechanical convection	66	530 x 565 x 720	354 x 368 x 508	42	13/2	1
10794982	OMS100	Mechanical convection	104	640 x 565 x 820	464 x 368 x 608	53	16/2	1
10291870	OMS180	Mechanical convection	179	640 x 738 x 920	464 x 543 x 708	66	19/2	1

OVENS, UNIVERSAL

- Precise and homogenous temperature control independent of chamber volume and load
- Temperature range up to +300°C
- Forced air circulation
- Augmented functionality with convenient, approved and tested accessories
- Working chamber and housing constructed almost exclusively from high quality, corrosion resistant and easily cleanable stainless steel
- A wide range of options for programming and documentation using interfaces, integrated data logger and AtmoCONTROL software
- Three year guarantee for appliances except wear and tear parts
- The temperature values of all universal ovens are measured according to DIN 12880: 2007-05
- Each universal oven is safety tested and CE marked

memmert
Experts in Thermostatics

Cat No.	Description
12646987	Universal oven UF55, single display with touchscreen, 1 grid, 230V 50/60Hz, 400mm x 400mm x 330mm (w x h x d), 53L volume
12626987	Universal oven UF55plus, twin display with touchscreen, 1 grid, 230V 50/60Hz, 400mm x 400mm x 330mm (w x h x d) 53L volume
12616997	Universal oven UF110, single display with touchscreen, 2 grids, 230V 50/60Hz, 560mm x 480mm x 400mm (w x h x d) 108L volume
12626997	Universal oven UF110plus, twin display with touchscreen, 2 grids, 230V 50/60Hz 560mm x 480mm x 400mm (w x h x d) 108L volume

CLIMATE CHAMBER ICH260L

In the ICH L climate chamber, stability tests in accordance with ICH guidelines Q1B, option 2, can be performed, thanks to an illumination unit. Fluorescent lights with cold white light (standard illuminant D65, 6,500 K) and UV radiation in the spectral range of 320 - 400 nm with a light intensity of approx. 8000 Lux serve as the light source
- Intuitive and easy-to-use operating menu
- Temperature and humidity ramps programmable via AtmoControl software
- Almost exclusive use of high-quality, corrosion-resistant and easily cleanable stainless steel for the working chamber and housing
- Peltier heating and cooling concept specifically adapted for a precise and homogenous temperature control
- A wide range of options for programming and documentation using interfaces, integrated data logger and AtmoCONTROL software

memmert
Experts in Thermostatics

Cat No.	Capacity, L	Temperature range, °C	Resolution	Dimensions, interior, W x H D, mm	Dimensions, exterior, W x H D, mm
13467689	260	10 to 60	0.1°C	640 x 800 x 500	824 x 1,552 x 734

GP1000 PERISTALTIC GENERAL PURPOSE PUMP SYSTEM

Easy to maintain
- Pump head enables rapid tubing changes
- Robust motor and drive system provides low-maintenance long-term operation
- Contamination free pumping—the fluid contacts only the tubinWg material
Easy to use W
- Intuitive control keypad
- Stop and start from the front panel
- Easily increase/decrease flow through the membrane key-pad
- Universal voltage and frequency capability allows   operation world-wide—IEC320 socket provided
- Reversible pump direction permits purging of tubing prior to use
- Quick start guide included for fast easy set-up
Diverse performance range
- Utilizes various tubing sizes to provide a broad flow range
- Ability to pump against pressure up to 60 PSIG providing longer filtration cycles

Ergonomic design
- Space efficient—low-profile, stackable design
- Safety interlock powers unit down when changing tubing
- Remote control capability—ideal for automated process applications
- Accurate, reliable control of flow and dosing— digital display of RPM for accurate control
- Flow Capacity (mL/min): 0.5 to 3,000
- RPM: 4 to 400
- Reversible: Yes
- Operating temperature: 0 to 40°C (32 to 104°F)
- Dimensions (L x W x H): 31.7 x 27.9 x 15.2 cm
- Shipping weight: 7kg

Fisherbrand™

Cat No.	Description
15377547	GP1000 Peristaltic General Purpose Pump System

DP2000 DISPENSING PUMP SYSTEM

The DP2000 is a peristaltic pump system, offering superior performance with precision and ease-of-use. Designed to handle a wide range of fluids, from the highest purity to extremely caustic solutions, this pump is used in a broad range of critical applications, from agriculture to chemical processing; and from beverage dispensing to semiconductor polishing. Reversible pump direction permits purging of tubing prior to use.

- Programmable, easy-to-use, low maintenance
- Utilises various tubing sizes providing a broad flow range
- Available tubing materials comply with global pharmaceutical, sanitary and food standards (USP, EP, FDA and NSF)
- Digital display
- Flow Capacity (mL/min): 0.5 to 3,000
- RPM: 4 to 400
- Voltage (50/60 Hz): 115/230V AC (auto selected)
- Materials: Housing, ABS; Pump head, GF Nylon, Delrin™, Stainless steel, Cold-rolled steel, Buna N, Polycarbonate
- IP rating: IP31
- Controller dimensions (L x W x H), mm: 317 x 279 x 152
- Compliance: Complies with stringent safety standards of UL, ETL, CE, C1 and with RoHS and WEEE directives

Fisherbrand™

Cat No.	Description
15397547	DP2000 Dispensing Pump System

TRACEABLE™ THERMOMETER, LOLLIPOP, STAINLESS STEEL

- Featherweight, wide-range lab partner covers 99% of routine temperature measurement needs
- Shock/waterproof unit delivers reading updates every second
- One-key operation recalls MIN/MAX temperature results, °C or °F switchable
- Supplied with battery, probe, probe cover with pocket clip, Traceable™ Certificate

Fisherbrand™

Cat No.	Description
11785853	Traceable™ Thermometer, Lollipop, Stainless Steel

TRACEABLE™ INSTANT-RECALL MEMORY TIMER

- Features: count down, time in/out, alarm, memory
- Intuitive, three-key programming makes this an all-time favourite for delivering countdown results
- Input a time and the instant memory always returns the display to the programmed time
- Extra-large, 16 mm-high digits
- Timing capacity: 99 minutes, 59 seconds
- Resolution: 1 second
- Accuracy: 0,01%
- Supplied with battery, Traceable™ Certificate

Fisherbrand™

Cat No.	Description
11775873	Traceable™ Instant-Recall Memory Timer

TRACEABLE™ SENTRY™ THERMOMETER

- Simple one-key reset operation resets MIN/MAX memories
- Constantly monitor high, low and current temperatures
- Sensor and 3m cable may be placed underwater, in refrigerator or in freezer
- Unplugging the cable activates a sensor inside the unit for monitoring ambient temperature
- Supplied with battery, probe, 3m cable, wall mount, magnet, stand, Velcro™, Traceable™ Certificate

Fisherbrand™

Cat No.	Range	Resolution	Accuracy	Probe
11785843	-50 to 70°C (58 to 158°F)	1°	±1°C	5mm diameter and 19mm long

TRACEABLE™ MEMORY-CARD REFRIGERATOR/ FREEZER DATA LOGGING THERMOMETER

- Temperature and humidity data logger with Min/Max memory and High/Low alarms
- User-defined temperature observations can be made once per minute up to once every 720 minutes
- Thermometer captures 5.9 million readings on removable SD card
- USB memory card reader plugs directly into Windows and Mac - no software to install
- Text report includes date/time of day and sensor readings
- Alarm sounds and LED flashes when temperature rises above or falls below user-set trip points
- Supplied with 256Mb SD memory card, memory card reader, batteries, magnetic strips, Velcro™, flip open stand, adaptor, Traceable™ Certificate

Fisherbrand™

Cat No.	Range	Resolution	Accuracy	Probe
13587070	-30 to 70°C (22 to 158°F)	0.1°	±5°C from 0°C to 25°C; ±0.6°C from 25°C to 70°C; ±1.2°C from -30°C to 0°C; and 50 to 70°C	Stainless steel

TRACEABLE™ FINGERTIP TIMER

- Quick-to-program, three-key, countdown timer delivers error-free operation for any lab test
- Features: count down, time in/out, alarm
- Impressive memory, remembers most recently programmed setting for recurring lab experiments
- Supplied with battery, magnetic back, Velcro™, Traceable™ Certificate
- Timing capacity: 99 minutes, 59 seconds
- Resolution: 1 second
- Accuracy: 0.01%

Fisherbrand™

Cat No.	Description
11745873	Traceable™ Fingertip Timer

TRACEABLE™ QC TIMER

- Simple three-key use and large digits for easy viewing
- Features: count up/down, alarm
- Easy three key operation
- Times set up to 20hr in 1min increments
- At zero 1min alarm sounds
- Very large 19mm LED digits
- Timing capacity: 19 hours, 59 seconds
- Resolution: 1 min
- Accuracy: 0.01%
- Supplied with battery, flip-open stand, magnet, Traceable™ Certificate

Fisherbrand™

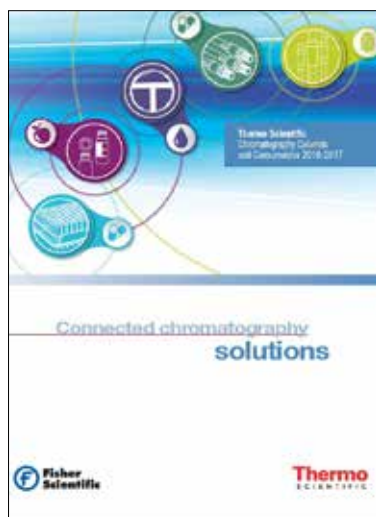| Cat No.	Description
11715873	Traceable™ QC timer

ULTRAPURE WATER SYSTEM, BARNSTEAD™ GENPURE™ XCAD PLUS

Gain flexibility in the lab with the new Thermo Scientific™ Barnstead™ GenPure™ xCAD Plus ultrapure water system. Its advanced technologies allow for simultaneous dispensing from up to three remote dispensers for ease of use in shared laboratory environments. This lab water system comes with leak detection, electronic dispensing for fully automatic volume control and feed water monitoring that alerts users to fluctuations in the feed water quality. All consumables needed for start-up come with the system, allowing for simple ordering and setup.

- Resistivity: 18.2MΩ·cm at 25°C
- Conductivity: 0.055µS/cm
- Flow rate: up to 2L/min
- Total organic carbon: 1 to 5ppb
- Endotoxin concentration: <0.001EU/mL
- Bacterial content: <0.01 CFU/mL
- Temperature range: 2° to 35°C
- Dimensions, W x D x H, mm: 372 x 330 x 615

Thermo
SCIENTIFIC

Cat No.	Description
15209335	Barnstead™ GenPure™ xCAD Plus

TRACEABLE™ GIANT-DIGIT™ COUNTDOWN TIMER

- View giant digits on your bench timer from across the lab
- Features: count up/down, alarm, memory, stopwatch mode
- 34mm digit height - viewable from 15m
- Countdown and alarm on single channel for ease of use
- Three button intuitive operation eliminates reading instructions
- Automatic Bounceback™ memory for repetitive timing
- Counts up during alarming indicating elapsed time since alarming
- Counts up in stopwatch mode
- Timing capacity: 99 minutes, 59 seconds
- Resolution: 1 second
- Accuracy: 0.01%
- Supplied with stand, magnetic back, battery, Traceable™ Certificate

Fisherbrand™

Cat No.	Description
11765863	Traceable™ GIANT-DIGIT™ Countdown Timer

Cosmetic Industry –
Is chromatography analysis important to your process?

Our chromatography solutions brochure features a comprehensive range of high quality and reliable products.

Discover how you can validate a large range of parameters during all steps of your processes.

Available on eu.fishersci.com

CHROMATOGRAPHY PAPER CHR 100

- Flow rate: 145mm/30 min
- Format: sheet
- Grade: 501
- Film thickness: 0.19mm
- Dimensions (L x W): 200 x 200mm
- Fisherbrand™ CHR 100 grade of paper may be used in many applications where Whatman No. 1 CHR or Schleicher & Schuell No. 2043a are used

Fisherbrand™

Cat No.	Description	Pack qty
11718742	Chromatography paper CHR 100	100

HPLC SOLVENTS

- HPLC grade quality

Fisher Chemical

Cat No.	Description	Pack qty
10407440	Acetonitrile, for HPLC	2.5L
10499560	Methanol, HPLC for gradient analysis	2.5L
10598800	Heptane, for HPLC, approx. 99% n-Heptane	2.5L
10264350	Tetrahydrofuran, for HPLC, unstabilised	2.5L

FILTER UNITS, SYRINGELESS MINI-UNIPREP

- All in one filtration process allows you to process sample loads in a third of the time
- Three consumables in one unit: syringe, filter and flask
- Six filtration steps in one with the six position compressor
- Compatible with most major autosamplers

Distributor GE Healthcare

Cat No.	Description		Pack qty
Mini-UniPrep™ syringeless filtration system, standard cap, translucent housing			
11388734	0.2	PVDF	100
11398734	0.2	Nylon	100
11308744	0.2	PTFE	100
11308754	0.2	RC	100
11338744	0.45	PVDF	100
11368744	0.45	Nylon	100
11378744	0.45	PTFE	100
11305124	0.45	RC	100

HPLC COLUMNS

- Surfactant Plus, ideal selectivity for simultaneous separation of anionic, nonionic, cationic and amphoteric surfactants
- Ease of operation ensures optimal, fast separations
- Accelerate sample throughput up to 30-fold compared to conventional LC, with Dionex RSLC Solutions
- Hypersil GOLD Phenyl, exceptional peak symmetry and resolution

Thermo SCIENTIFIC

Cat No.	Description
12749825	HPLC Acclaim Surfactant Plus 3µm 3 x 150mm
12769795	HPLC Acclaim RSLC 120C18 2.2µm 3 x 75mm
10056364	HPLC Hypersil GOLD Phenyl 3µm 2,1 x 100mm

VIALS, CRIMP TOP AND MICRO-INSERT, 11mm (WIDE OPENING) ND11

Fisherbrand amber and clear glass crimp top and micro vials, suitable for use with the following autosamplers: Agilent, Carlo Erba, CTC, Dani, Fisons, Gerstel, Jasco, Perkin Elmer, Shimadzu, Spark, Thermo Scientific and Varian.

Fisherbrand™

Cat No.	Description	Capacity, mL	Dimensions, mm	Pack qty
11535884	Clear glass crimp vial wide opening, graduated with marking spot	1.5	11.6 x 32	100
11545884	Amber glass crimp vial top 11mm wide opening with labelling and filling lines	1.5	11.6 x 32	100

CAPS, CRIMP, ALUMINIUM, 11MM WITH 5,5mm CENTRE HOLE

- Clear aluminium cap lacquered

Fisherbrand™

Cat No.	Description	Thickness, mm	Hardness	Pack qty
10204712	With nat.red-orange rubber/ butyl red/ TEF transparent	1.0	45° shore A	1,000

COMPRESSOR MINI-UNIPREP 6 COMPRESSORS

- All in one filtration process allows you to process sample loads in a third of the time
- Three consumables in one unit: syringe, filter and flask
- Six filtration steps in one with the six position compressor
- Compatible with most major autosamplers
- Material (housing): polypropylene
- Material: PTFE coated silicone rubber
- For use with: Mini-UniPrep G2 syringeless filters

Distributor GE Healthcare

Cat No.	Description
11318724	Compressor mini-uniprep 6 monsters

INCUBATORS, CO2 THERMO SCIENTIFIC™ FORMA™, STERI-CYCLE™ I160

A direct heat CO_2 incubator that better supports you and your science.
The incubator delivers the performance reliability, ease of operation, and value required to support a range of culturing needs from basic research to demanding, leading edge applications, so you're ready for whatever comes next!
• 165L (5.8 cu ft) in a compact foot print, readily stackable
• Choice of electropolished stainless steel or 100% pure copper
• Adjustable, perforated shelving
• Easy to clean, coved corners with convenient access port
• Reversible exterior door for added flexibility
Better solutions for optimal cell growth
Revolutionary THRIVE™ active airflow technology delivers homogeneous growth conditions fast, avoiding unwanted sample variation.
Complete contamination control
Proven protection from every direction including ISO class 5 HEPA filtered air, on demand high temperature sterilisation, and easy to maintain copper.
Enhanced simplicity
Designed to focus on convenience, allowing you to spend more time on your research and less time managing your incubator.
• Easy to maintain 100% solid copper option
• On demand data and error logs
• Condensation free humidification system

Thermo
SCIENTIFIC

Cat No.	Description
15321085	Incubators, CO_2 Thermo Scientific™ Forma™, Steri-Cycle™ i160

PETRI DISHES, POLYSTYRENE

• Dishes for aseptic production
The melting temperature of the raw material used during their manufacture is approximately 250°C. This is considered to be sufficient to destroy bacteria. The dishes are packed under very strict aseptic conditions

Fisherbrand™

Cat No.	Type	Diameter, mm	Height, mm	Pack qty
12694785	Triple vent	90	14.2	600
12644785	No vent	90	16.2	600
12654785	Single vent	90	16.2	600
12664785	Triple vent	90	16.2	600

INOCULATING SPREADERS, BACTERIAL, CELL

• Packed in tamper evident zipper bags
• Material: Polystyrene
• Sterile: Yes
• Colour: White
• Disposable: Yes
• Shape: L-shape
• Length: 148mm
• Certifications: EC N°1935/2004, ISO 11137
• For Use With Application: For dairy, environmental, industrial, microbiological uses

Fisherbrand™

Cat No.	Description	Pack qty
11836191	Inoculating spreaders, bacterial, cell	400

LOOPS, INOCULATING

• Highly ergonomic
• Sterile 10^{-3}
• Traceability on each bag of 20 quantity in zipped bag
• Packaged in tamper evident zip bag
• Flexible polystyrene
• Unique mixed extremity (1/10uL) reduces inventory complexity
• Material: Polystyrene

GOSSELIN

Cat No.	Colour	Capacity, µL	Length, mm	Pack qty
11733124	Green	1	192	3,000
11763124	Blue	10	194	3,000

INOCULATING SPREADERS, BACTERIAL, CELL

• Packed in tamper evident zipper bags
• Material: Polystyrene
• Sterile: Yes
• Disposable: Yes
• Length: 148mm
• Certifications: EC N°1935/2004, ISO 11137
• For Use With Application: For dairy, environmental, industrial, microbiological uses

Fisherbrand™

Cat No.	Shape	Colour	Pack qty
11774166	T-shape	Green	500

MICROCENTRIFUGE TUBES WITH LOCKING SNAP CAP

- Convenient, pierceable locking lids snap into place with one-handed operation
- Polypropylene (PP)
- Graduated
- Flat and pierceable cap
- Locking lid to secure the sample and avoid undesired opening
- Marking area
- Autoclavable and can withstand temperatures to -86°C
- DNase/RNase and pyrogen free
- Easy one-hand use

Fisherbrand™

Cat No.	Capacity, mL	Bottom shape	Max. RCF, xg	Diameter, mm	Length, mm	Pack qty
15422545	0.5	Conical	30,000	10	30	500
15432545	1.5	Conical	26,000	13	39	500
15442545	2.0	Round	25,000	13	40	500

SAFETY CABINETS, CLASS II BIOLOGICAL, SAFE 2020

- Superior personnel and product protection with best-in-class air flow and filter technology
- Exceptionally comfortable ergonomic design prevents user fatigue and promotes safe working habits
- Maximised energy efficiency for environmental protection and significant cost savings
- Superior d.c. technology uses energy efficiently, emits less heat
- Smart Flow™ digital technology maintains consistent airflow during normal filter loading or temporary airflow obstruction
- Supply/exhaust air filter: H14 HEPA EN 1822, 99.995% at the most penetrating particle size (MPPS)
- Sash opening: 200mm working height; can be fully opened to 773mm for thorough cleaning
- Optional crossbeam UV irradiation in both side walls illuminates entire working area - ensures thorough disinfection for maximum sample protection
- Quiet: noise levels 56 or 58dBA, depending on model
- Safety and protection
- Pressure sensor monitoring ensures safe airflow across the entire work surface

Thermo SCIENTIFIC

Cat No.	Dimensions, mm
10284804	800 x 1,000 x 1,586
10462614	800 x 1,300 x 1,586
10294804	800 x 1,600 x 1,586
10422784	800 x 1,900 x 1,586

SWABS, ENVIRONMENTAL

- For environmental sampling, particularly in the food and pharmaceutical industries
- Available in easy to use kit format consisting of a sealed tube with neutralising buffer, capped swab and sampling template
- Sterile sampling templates, 100mm x 100mm (1m²), enable accurate calculation of colony forming units per mm²

Thermo SCIENTIFIC

Cat No.	Description	Shaft length, mm	Type	Inner pack qty	Pack qty
12802833	Square sampling kit, 902C with square sampling template	13	PS	1	10

MICROTUBES SNAPLOCK MAXYCLEAR

- RCF, xg max: 2,000
- Capacity, mL: 1.5
- Closes with a 'snap' and stays closed during centrifugation
- Frosted cap surface for labeling
- Frosted panel on the side for writing
- 0.28mm piercing port in the centre of the cap allows easy access to sample by syringe needle
- Autoclavable

AXYGEN

Cat No.	Description	Colour	Pack qty
11361904	Snaplock Microtubes	Assorted	500
11351904	Snaplock Microtubes	Natural	500
11326144	Snaplock Microtubes Pre-Sterilised	Natural	250

erlab Simpler Safer

Discover our new filtration solutions for the protection of laboratory personnel, designed to be

Simpler Safer

Captair Smart
Ductless filtering fume hoods

Captair Smart
Ductless filtering chemical storage cabinets

Halo Smart
Laboratory air filtration system

Halo sense Smart
Lab air quality sensor

Require the best of filtration quality

Powerful communication interface by light

Connect your units and benefit from remote control access via our mobile solutions.

ROTARY EVAPORATORS HEI-VAP ADVANTAGE G1

Includes leading safety standards and features for superior ease of use and reduced cost of ownership, plus:
• Hand lift configurations
• Experience the advantages of our large digital 3.5 '' LCD display which indicates rotation speed, heating bath and vapor temperature
• Experience the advantages of the automatic process timer which turns off your evaporator at a pre-programmed time and removes evaporating flasks from bath on motor lift models

Cat No.	Description
10321025	rotary evaporators HEI-VAP Advantage G1

BATHS, ULTRASONIC, ANALOGUE

• State of the art microprocessor controlled ultrasonic cleaning and sweep technology
• Long lifepan from cavitation resistant stainless steel tanks
• LED display showing set and remaining time and pre-set and actual temperature
• Ergonomically shaped plastic carrying handles
• Newly developed cover reduces noise and accelerates the heating up process
• Easy draining of cleaning liquid though the drain duct via a dial on the side
• Operating panel arranged so that liquid cannot enter the electronics
• Degas function key

Cat No.	Model No	Volume, L	Dimensions, external [w x d x h], mm	Dimensions, internal [w x d x h], mm	Carrying handles	Power, W	Mass, kg
10591203	S10H	0.8	206 x 116 x 178	190 x 85 x 60	No	90	2
10162372	S30H	2.75	300 x 179 x 214	240 x 137 x 100	Yes	280	3.3
10345822	S60H	5.75	365 x 186 x 264	300 x 151 x 150	Yes	550	5.1
10663113	S80H	9.4	568 x 179 x 264	505 x 137 x 150	Yes	750	6.4
10204762	S120H	12.75	365 x 278 x 321	300 x 240 x 200	Yes	1,000	7.5

LIDS, PLASTIC

Cat No.	For use with
10060892	0.8L baths
10560243	2.75L and 4.25L baths
10798294	5.75L baths
11846244	6.9L and 9.4L baths
10487912	9.5L and 12.75L baths

BASKETS, STAINLESS STEEL

Cat No.	For use with
11726188	0.8L baths
10241320	2.75L and 4.25L baths
11756188	5.75L baths
11776188	6.9L and 9.4L baths
11796188	9.5L and 12.75L baths

MP Biomedicals

Dextran Sulfate Sodium Salt for cosmetic industry

Proven superior quality for:

- Anti-inflammatory & anti-allergic effects
- Prevention of free radical damages
- Interaction with lipoproteins, enzymes & cells
- Anti-wrinkle effects
- Treating rough, chapped skin
- Anti-ageing effects

Now available at Fisher Scientific.

Cat. No: 11497860
Pack Size: 100 g

Cat. No: 11427880
Pack Size: 100 g

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