



# Lab Essentials

Not just instrumental. **Essential.**

November 2017 - January 2018

**ThermoFisher**  
SCIENTIFIC

# Invest in a great deal on a Thermo Scientific plate reader or washer now and **save** on Nunc microplates

Thermo Scientific™ MultiSkan™ FC microplate reader – user convenience for photometric applications

## MultiSkan FC offers:

- Proven optical design and autocalibration to ensure consistently reliable results
- Wide wavelength range of 340 to 850 nm
- Ease of use through the large colour screen
- Includes 3 standard filters (405 nm, 450 nm and 620 nm), 8 position filter wheel and Thermo Scientific™ SkanIt™ software (PC not included in package)



Thermo Scientific™ Wellwash™ Versa - advanced plate washer for 96-well plates with cell washing features

## Wellwash Versa offers:

- Adjustable wash parameters, such as dispense and aspiration height and aspiration speed for optimal washing performance in 96-well and 384-well plates

**Specially designed 2 x 8 cell wash head for gentle washing of cells in a 96-well plate included in this special promotion**



## Purchase either a MultiSkan or Wellwash and receive special pricing on one of the following Thermo Scientific™ Nunc™ 96-well plate options:

- Thermo Scientific™ Nunclon™ Delta treated microplate perfect for cell culture applications
- Thermo Scientific™ MaxiSorp™ microplate is ideal for IgG binding and colorimetric sandwich ELISAs
- Non-treated surface is perfect for general quantification assays

Item Code	Description	Unit	Price
MIB5119000	MultiSkan FC Photometer for 96-well plates	EA	\$7,820.00
MIB5119100	MultiSkan FC Photometer with incubation Temperature range from ambient + 4°C up to 50°C for 96 and 384-well plates	EA	\$9,990.00
MIB5165010	Wellwash Versa Microplate Strip Washer <b>Includes:</b> 2 x 2 L Wash Bottles / 1 x 2 L Rinse Bottle 1 x 4 L Waste Bottle / 2 x 8 well wash head	EA	\$7,390.00
N10802	2 x 8 cell wash head Wellwash Versa	EA	FOC with the purchase of a Wellwash Versa Plate Washer
<b>Thermo Scientific Nunc 96-well microplates†</b>			
NUN167008	Nunclon Delta treated flat bottom 96-well plate with lid	Case of 50	\$54.00
NUN442404	MaxiSorp flat bottom 96-well plate without lid	Case of 60	\$298.00
NUN268152	Non-treated U-bottom 96-well plate without lid	Case of 180	\$275.00

† Limited to 5 cases per order. Please note Lab Essentials on your order to received discounted plate price

## Brannan M100 series density hydrometers

- Made in accordance with BD 718 : 1991 standard
- Length of 250 mm with divisions every 0.002 g/mL
- Range span of 0.100 g/mL

Item Code	Description	Unit	Price
BRN10/402/0	Hydrometer 0.80 - 0.90 g/mL low surface tension	EA	\$40.00
BRN10/403/0	Hydrometer 0.90 - 1.00 g/mL low surface tension	EA	\$40.00
BRN10/404/0	Hydrometer 1.00 - 1.10 g/mL medium surface tension	EA	\$40.00
BRN10/405/0	Hydrometer 1.10 - 1.20 g/mL medium surface tension	EA	\$40.00
BRN10/406/0	Hydrometer 1.20 - 1.30 g/mL medium surface tension	EA	\$40.00



## Heads up, be protected

with Pro-Val beard covers, berets, bouffants and face masks

- Lightweight, comfortable and breathable for the wearer
- Beard covers, berets and caps are certified food safe by HACCP Australia
- Suitable for general use

Item Code	Description	Unit	Price
RCRBCW601	Beard cover PP disposable white single loop	500pcs	\$27.00
RCRDPEB21	Beret crimped PP disposable white 53 cm	1000pcs	\$56.00
RCRDPE24R	Cap bouffant round PP disposable white 61 cm	1000pcs	\$48.00
RCR30130	Face mask PP disposable light blue with ear loops	1000pcs	\$70.00



## Kimble® reusable culture tubes

Culture tubes can be used in many applications, including blood typing, tissue culture and general bacteriological use

- Uniformed wall thickness for maximum heat transfer
- Threaded phenolic screw cap with PTFE faced rubber liners
- Excellent chemical resistance

Item Code	Description	Unit	Price
KIM45066A-13100	Culture tube reusable 13 x 100 mm	72pcs	\$145.00
KIM45066A-16100	Culture tube reusable 16 x 100 mm	72pcs	\$165.00
KIM45066A-16125	Culture tube reusable 16 x 125 mm	72pcs	\$185.00
KIM45066A-16150	Culture tube reusable 16 x 150 mm	72pcs	\$215.00
KIM45066A-20125	Culture tube reusable 20 x 125 mm	48pcs	\$175.00
KIM45066A-25150	Culture tube reusable 25 x 150 mm	36pcs	\$185.00





## The easy choice

### Sartorius Minisart syringe filters

Sartorius syringe filters are the No. 1 choice for sterile filtration. These are suitable for a variety of applications within your laboratory from analytical sample preparation to clarification of media buffers, chemical reagents, drugs and even gases.



Innovative design features, coupled with the largest surface areas and fastest flow rates make Minisart® syringe filters the ideal choice for all your syringe filtration needs.

- High total throughput
- Biggest effective filtration area (EFD) of 6.2 cm<sup>2</sup>
- Superior flow rate
- Gamma irradiated, EO sterilised or non-sterile
- Many configurations available
- 100% optical integrity tested
- Versatile and compatible
- Lowest adsorption
- Minimum extractables

Item Code	Description	Unit	Price
SAT16555Q	Syringe filter Minisart 0.45 µm CA 28 mm	500pcs	\$425.00
SAT16533Q	Syringe filter Minisart 0.45 µm PES 28 mm	500pcs	\$425.00
SAT17846Q	Syringe filter Minisart 0.2 µm nylon 25 mm	500pcs	\$425.00
SAT16532K	Syringe filter Minisart 0.2 µm PES 28 mm	50pcs	\$65.00
SAT16533K	Syringe filter Minisart 0.45 µm PES 28 mm	50pcs	\$65.00
SAT16534K	Syringe filter Minisart 0.2 µm CA 26 mm	50pcs	\$65.00
SAT17765K	Syringe filter Minisart 0.45 µm RC 25 mm	50pcs	\$65.00

## LabServ® polypropylene containers

- Polypropylene base with polyethylene cap
- Graduated – Easy volume identification\*
- Leak proof – Ensure safe handling and transportable
- Stackable – Space saving

\*On LBSMC0202Y only



Item Code	Description	Unit	Price
LBSMC0202Y	Container 120 mL PP yellow PE screw cap round 44 mm dia x 108 mm high	250pcs	\$62.00
LBS32260	Container 250 mL PP natural PE screw cap round 66 mm dia x 86 mm high	140pcs	\$91.30
LBS33560W	Container 500 mL PP natural PP wadded screw cap round 84 mm dia x 102 mm high	75pcs	\$98.00

## Stock up on lab bottles

Fisherbrand™ graduated laboratory bottles with polypropylene screw caps and pouring ring

- Borosilicate glass and autoclavable
- GL 45 screw thread
- Permanent white enamel marking spot

Item Code	Description	Unit	Price
FSBFB33144	Laboratory bottle 100 mL	EA	\$3.75
FSBFB33145	Laboratory bottle 250 mL	EA	\$3.95
FSBFB33146	Laboratory bottle 500 mL	EA	\$5.45
FSBFB33147	Laboratory bottle 1000 mL	EA	\$7.75
FSBFB33148	Laboratory bottle 2000 mL	EA	\$15.75
FSBFB33180	Laboratory bottle 5000 mL	EA	\$75.00



## Whatman™ grade 1 filter paper

Grade 1 qualitative filter paper is a widely used standard filter paper for routine applications with medium retention and flow rate. It covers a wide range of applications and is frequently used for clarifying liquids.

**Contact us today to find out about special pricing on our full range of Whatman filter papers.**

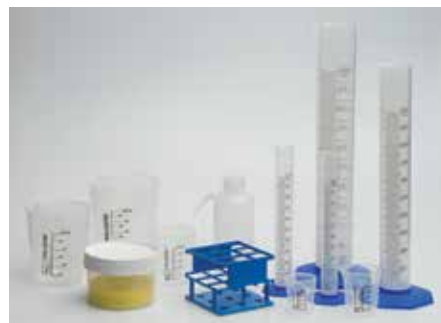
Item Code	Description	Unit	Price
WHA1001-047	Filter paper no.1 4.7 cm	100pcs	\$10.00
WHA1001-090	Filter paper no.1 9 cm	100pcs	\$10.50
WHA1001-110	Filter paper no.1 11 cm	100pcs	\$11.50
WHA1001-125	Filter paper no.1 12.5 cm	100pcs	\$12.50
WHA1001-150	Filter paper no.1 15 cm	100pcs	\$16.50
WHA1001-240	Filter paper no.1 24 cm	100pcs	\$41.50
WHA1001-320	Filter paper no.1 32 cm	100pcs	\$65.50



## Thermo Scientific™ Nalgene™ plastic labware value pack

Perfect for any laboratory

- Receive 20 items with one catalog number
- A variety of everyday lab items at one low price
- Won't chip, shatter or break like glass



Item Code	Description	Unit	Price
NAL1350-0001	Includes 6 x 500 mL PPCO straight-sided jars 4 x 500 mL LDPE unitary wash bottles 4 x PPCO graduated cylinders (2-100 mL, 500 mL, 1 L) 5 x PPCO low form beakers (50, 100, 250, 600, 1000 mL) 1 x Unwire blue half-rack for 30 mm tubes	EA	\$175.00

# Your **success** circulates at every degree

Thermo Scientific™ ThermoFlex™ recirculating chillers are versatile and reliable solutions that provide cooling capabilities for critical applications from the lab bench to large manufacturing processes. Optimised for the most demanding applications, these high-performance chiller platforms have cooling capacities of up to 24,000 watts. ThermoFlex recirculating chillers are developed from concept to design with input from customers and offer excellent reliability, flexible configurations and a user friendly interface.



## Some of the benefits of using the ThermoFlex recirculating chillers include:

- Outstanding performance and reliability
- Easy-to-use and easy-to-maintain
- Configurable design with a wide range of cooling capacities and options to create the right fit for your application demands
- Accurate temperature control

## Selectable options:

- Cooling capacities from 900 to 24,000 watts
- Flow and pressure control
- Analogue or digital communication for remote operation
- Anti-drainback and auto refill

**Talk to us about your application needs and we can help you optimise your chiller selection.**

## Buy five racks and **save** TPP® Centrifuge Racks

- Each rack holds 18 x 15 mL or 10 x 50 mL centrifuge tubes
- Three colours to choose from

**NOTE:** to receive the discounted price, five or more racks must be purchased in a single transaction

Item Code	Description	Unit	Price
TPP88010	"Pink Lady" pink centrifuge tube rack	EA	\$6.00
TPP88011	"Blue Sky" blue centrifuge tube rack	EA	\$6.00
TPP88012	"Knight Rider" black centrifuge tube rack	EA	\$6.00

# Fisher Chemical UHPLC-MS solvents

Ultra high purity solvents linked directly to the sensitivity of the mass spectrometer that minimises chromatographic interferences.

Fisher Chemical has developed a new solvent grade, UHPLC/MS Optima™, for mobile phases targeting trace analysis by UHPLC/MS. These ultra-pure solvents will provide a very low mass noise level in both positive and negative mode ionisation, minimal metal ion content, and very low UHPLC/UV response using photo diode array detection. Fisher Chemical's high purity solvents are specifically qualified for UHPLC-MS and offered in Acetonitrile, Methanol, and Water.

Solvent	Pack size	Packaging	Catalog Number
Acetonitrile	1 L	Borosilicate glass	FSBA956-1
Methanol	1 L	Borosilicate glass	FSBA458-1
Water	1 L	Borosilicate glass	FSBW8-1



## Why Fisher Chemical UHPLC-MS Optima solvents?

- New solvent specification based on S/N ratio of the propazine product ion from MS/MS fragmentation.  
**Benefit:** The solvent quality of UHPLC-MS Optima solvents is linked directly to the sensitivity of the detector (mass spectrometer), unique specification for the chemical industry. Significant reduction in signal-to-noise ratio as shown by the signal-to-noise ratio chromatogram of Propazine ion fragment peak. Chromatogram copies are available on request.
- 0.1 micron filtration for Acetonitrile and Methanol, 0.03 micron filtration for Water.  
**Benefit:** Submicron filtration ensures minimal clogging of instrument, columns and check valves.
- Reduces significantly the leaching of metal cations (Na<sup>+</sup> and K<sup>+</sup>).  
**Benefit:** Low metal content in mobile phase solvents minimises formation of metal ion adducts.
- Fisher Chemical UHPLC-MS solvents have an LC-UV gradient suitability specification which is tested in the full 200–400 nm range.  
**Benefit:** Mobile phase solvents have minimal UV-absorbing impurities providing customers with smooth baselines with minimal interference (a smooth baseline in chromatogram with minimal interference).
- Convenient 1 L bottle borosilicate glass design accommodates mobile phase as bottle can sit on top of UHPLC-MS instrument.  
**Benefit:** Ease of use directly on instrument.

## Did you know?

Ultra High Performance Liquid Chromatography (UHPLC) performs separations 5 to 10 times faster than conventional HPLC by employing sub-2 µm diameter particles? The 1-2 second peak widths and relatively high separation efficiency of UHPLC are more competitive than capillary GC, making UHPLC-MS an attractive method for illicit drug analysis.

# High security storage solutions for your valuable samples

Thermo Scientific Nalgene cryogenic storage tubes are ideally suitable for high value content storage and research and general lab storage applications

## Features & Benefits

- Non-cytotoxic raw materials for added sample security and tubes are certified free of DNase and RNase with a SAL of  $10^{-6}$
- Suitable for storage from general cold storage refrigeration (+4°C) down to the vapor phase of liquid nitrogen
- External threading enhances aseptic techniques
- System 100™ tubes offer a more dense storage option (10 x 10) to save precious storage space
- Large writing areas allow more written sample information and graduations for easy visual volume assessment

Item Code	Description	Unit	Price
NAL5000-0012	1.2 mL PP sterile with HDPE screw cap	500pcs	\$339.00
NAL5000-0020	2.0 mL sterile with HDPE screw cap	500pcs	\$355.00
NAL5000-0050	5.0 mL sterile with HDPE screw cap	500pcs	\$217.00
NAL5000-1012	1.0 mL System 100 PP sterile with HDPE screw cap	500pcs	\$375.00
NAL5000-1020	1.5 mL System 100 PP sterile with HDPE screw cap	500pcs	\$217.00



## Konica Minolta™ colour measurement

Get the right colour with your colour meter

Reliable colour measurement at the click of a button ensures quality, consistency and customer confidence in your products. Available for factory applications and research grade instrumentation all designed to provide rapid, independent answers to your colour questions.

### Robust and reliable instrumentation

- Colour readers ideal for factory environments; simple and rugged
- Supplied with calibration plates for on-going results
- User management ensures reliable implementation by untrained technicians

### Wide application capability

- Popular scales such as L\*a\*b\*, Hunter and Munsell preloaded
- Attachments for granular, rough, liquids, pastes and irregular surfaces
- Calibration options to suit the colour focus or industry standards being applied



Item Code	Description	Unit	Price
MIN1878-824	Chromameter CR-400 measuring head	EA	\$8,900.00
MIN1878-844	Chromameter CR-410 measuring head	EA	\$8,900.00
MINA80F-107	Colour reader CR-10 Plus	EA	\$4,750.00
MINA80F-217	Colour reader CR-20	EA	\$5,470.00



## Whatman grade GF/C glass microfibre filters

- Manufactured from 100% borosilicate glass
- Supports liquid scintillation and total suspended solid analysis
- Can be used at temperatures up to 500°C



**Contact us today to find out about special pricing on our full range of glass fibre filter papers.**

Item Code	Description	Unit	Price
WHA1822-025	Filter paper grade GF/C 25 mm	100pcs	\$25.00
WHA1822-047	Filter paper grade GF/C 47 mm	100pcs	\$36.50
WHA1822-090	Filter paper grade GF/C 90 mm	100pcs	\$76.50
WHA1822-110	Filter paper grade GF/C 110 mm	100pcs	\$99.00
WHA1822-125	Filter paper grade GF/C 125 mm	100pcs	\$120.50
WHA1822-150	Filter paper grade GF/C 150 mm	100pcs	\$178.50

## Thermo Scientific Nalgene reusable filter holders with receiver and bottle top filters

- Fully autoclavable, with or without membranes in place
- Accommodates 47 or 50 mm membranes (not included)
- Upper chamber is designed for pressure or vacuum filtration

Item Code	Description	Unit	Price
NAL300-4000	Reusable filter unit - 250 mL upper & 250 mL receiver	EA	\$155.00
NAL300-4050	Reusable filter unit - 500 mL upper & 500 mL receiver	EA	\$230.00
NAL300-4100	Reusable filter unit - 500 mL upper & 1 L receiver	EA	\$285.00
NALDS0320-5045	Reusable bottle top - 500 mL upper with 45 mm neck	EA	\$245.00



## Break the glass habit

Thermo Scientific Nalgene Teflon™ FEP separating funnels

- Chemically inert, translucent and autoclavable
- Break-resistant and impervious to any chemical used in a separatory funnel
- 65 mm stem length below TFE leakproof stopcock
- Won't chip, crack or shatter like glass

Item Code	Description	Unit	Price
NAL4301-0250	Separating funnel 250 mL FEP Teflon screw closure	EA	\$192.00
NAL4301-0500	Separating funnel 500 mL FEP Teflon screw closure	EA	\$275.00
NAL4301-1000	Separating funnel 1000 mL FEP Teflon screw closure	EA	\$318.00
NAL4301-2000	Separating funnel 2000 mL FEP Teflon screw closure	EA	\$465.00



# Thermo Scientific Sorvall LYNX superspeed centrifuge

## Superspeed centrifugation, simplified at every turn

Our Thermo Scientific™ Sorvall™ LYNX superspeed centrifuges, available in two models – the LYNX 6000 and LYNX 4000 – meet evolving application needs, from academic research to production facilities, with speeds of up to 100,605 x g and capacities up to 6 litres

## Upgrade to a Sorvall LYNX superspeed centrifuge!

Are you considering replacing your existing superspeed centrifuge?

Concerned about the age of your existing rotor portfolio?

Then simply contact your local account manager or product specialist to discuss a Sorvall LYNX superspeed trade-in solution and save thousands on the price of a new instrument.



## Featuring innovative Thermo Scientific technologies



Auto-Lock™ rotor exchange

Auto-ID instant rotor identification

Fiberlite carbon fiber rotors

ClickSeal biocontainment lids

Glove-friendly touchscreen interface

Compact and ergonomic design

Discover more by visiting our dedicated LYNX superspeed website to download videos, application notes and more. Visit: [thermofisher.com/lynxspeed](https://thermofisher.com/lynxspeed)

## TPP cell scrapers

- Individually wrapped sterile
- Free rotating blade

Item Code	Description	Unit	Price
TPP99002	240 mm long cell scraper with rotating 13 mm width blade	150pcs	\$345.00
TPP99003	300 mm long cell scraper with rotating 20 mm width blade	150pcs	\$405.00
TPP99004	380 mm long cell scraper with rotating 25 mm width blade	100pcs	\$375.00



## Bellingham + Stanley refractometer

Refractometric analysis is a fast and reliable way to ensure product quality to a high degree of confidence. Available in hand held or benchtop formats, refractometers are the perfect solution to fast quality confirmation of semi-solid and liquid samples.

### Robust and reliable instrumentation:

- Hand-held refractometers ideal for factory environments; simple and rugged
- User calibrated by water or use standards available
- User management ensures reliable implementation by untrained technicians
- Australian service centre for calibration and maintenance



Item Code	Description	Unit	Price
BLS38-02	Hand-held digital refractometer OPTi rang 0-54 Brix	EA	\$430.00
BLS19-40	Refractometer touch screen model RFM340-T range 0-100 Brix	EA	\$15,370.00

## Valpak zip lock bags

Easy to use resealable bags available in different sizes



Item Code	Description	Unit	Price
VALSS44	Bag poly resealable strip 75 x 125 mm x 50 µm	1000pcs	\$18.00
VALSS48	Bag poly resealable strip 75 x 100 mm x 50 µm	1000pcs	\$19.00
VALSS50	Bag poly resealable strip 100 x 180 mm x 50 µm	1000pcs	\$33.00
VALSS51	Bag poly resealable strip 125 x 205 mm x 50 µm	1000pcs	\$45.00
VALSS56	Bag poly resealable strip 150 x 230 mm x 50 µm	1000pcs	\$55.00
VALSS52	Bag poly resealable strip 200 x 255 mm x 50 µm	1000pcs	\$65.00
VALSS53	Bag poly resealable strip 230 x 305 mm x 50 µm	1000pcs	\$85.00
VALSS58	Bag poly resealable strip 230 x 330 mm x 50 µm	1000pcs	\$110.00



---

**In Australia:**

For customer service, call 1300-735-292

To fax an order, use 1800-067-639

To email an order, [ordersau@thermofisher.com](mailto:ordersau@thermofisher.com)

Find out more at:

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

**ThermoFisher**  
SCIENTIFIC

All offers subject to Thermo Fisher standard terms and conditions. Errors and omission exempted. Specifications, terms and pricing are subject to change. Please consult your local sales representative for details. © 2017 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.