NEW PRODUCTS & SPECIAL OFFERS FROM

APPLETON WOODS

WINTER 2020

For the complete range of products visit our website at **www.appletonwoods.co.uk**

November 2020 • Please quote XMAS'20 on your order • Prices valid until 23/12/2020

EQUIPMENT

CONSUMABLES

LIFE SCIENCE REAGENTS

Find us on hosted catalogues

PECOS™ sciencewarehouse JAGGAER

Browse and order online at www.appletonwoods.co.uk

APPLETON WOODS

Since 1967

Family run, independent business since 1967

Superior technical support from a team of scientists

Own van door to door delivery service

Dedicated customer service representative for each account

Comprehensive range of quality equipment, consumables and life science reagents

Own-brand appleton equipment, consumables and reagents

Competitive pricing available on various e-procurement catalogues

ISO 14001 and ISO 9001 registered

Appleton Woods – we're more than just a supplier!

Sales & Customer Services **0121 458 7740** Email **sales@appletonwoods.co.uk** Please Quote **XMAS'20**

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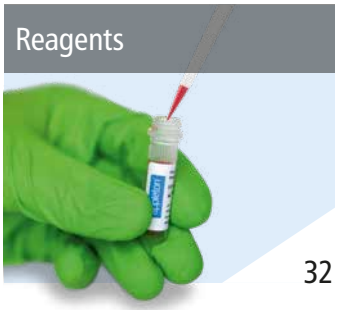

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Mini Dry Baths *Appleton*

Everything you need from a personal, benchtop dry block heater plus it fits in the palm of your hand

- Heats to 100°C
- Multiple block options available from 0.2mL to 50mL tubes (purchased separately)
- Simple touchpad controls and digital display
- Temperature accuracy from ±0.3°C and uniformity of ±0.2°C
- Heated lid model protects samples against unwanted condensation and evaporation
- Dimensions: 10.2 x 15 x 11.5cm
- Weight: 0.9kg

FROM £260

PLUS 1 FREE BLOCK WITH EVERY ORDER

MORE INFO...

MORE INFO...

CODE	MODEL	RRP	£££
AES1500	Mini Dry Bath	295.00	**260.00**
AES1501	Mini Dry Bath with Heated Lid	395.00	**360.00**

Blocks for Mini Dry Bath (AES1500)

CODE	BLOCK TYPE	PRICE
AES1511	Solid block (1.25in/32mm in height)	90.55
AES1512	24 x 0.5mL centrifuge tubes	90.55
AES1513	15 x 1.5mL centrifuge tubes	90.55
AES1514	15 x 1.5mL or 2mL centrifuge tubes	90.55
AES1516	6 x 5mL centrifuge tubes (17mm dia)	137.00
AES1517	4 x 15mL centrifuge tubes	137.00
AES1518	2 x 50mL centrifuge tubes	137.00
AES1519	15 x 2-3mL tubes, 60mm tall, no lid	102.55
AES1520	15 x HPLC or Cryovial tubes	90.55
AES1521	40 x 0.2mL tubes or 5 PCR strips of 8 tubes each	90.55
AES1522	for 8 cuvettes (12.5x12.5x32mm)	90.55

appleton® promise

Blocks for Mini Dry Bath with heated lid (AES1501)

CODE	BLOCK TYPE	PRICE
AES1512	24 x 0.5mL centrifuge tubes	90.55
AES1515	15 x 1.5mL centrifuge tubes for dry bath with heated lid	90.55
AES1521	40 x 0.2mL tubes or 5 PCR strips of 8 tubes each	90.55

Mini Vortex mixer *Appleton*

A compact vortex mixer with touch-activated operation for easy, effective, sample vortexing

FROM ONLY £99

- Powerful vortexing for tubes up to 50mL
- Compact footprint of less than 4x4 inches
- 4mm orbit and fixed speed of 2,800rpm
- Smooth, quiet motor is activated automatically with slight pressure on the centre of the cup head
- Unique head design prevents liquids from entering the housing, prolonging motor life

MORE INFO...

CODE	MODEL	RRP	£££	3+
AES1000	Mini vortex mixer	150.00	115.00	99.00

appleton® promise

We are so confident about the quality of this product that it will be **replaced free of charge** should any faults arise within the 2 year warranty period

appleton®

Plastic Centrifuge Tubes

Appleton

15mL and 50mL centrifuge tubes

See page 7

ONLY £120

MORE INFO...

Mini Centrifuge *Appleton*

A personal centrifuge ideal for quick spin downs of microtubes and PCR tubes

- Easy to use – just close the lid and the rotor instantly reaches 6,000 rpm
- Smooth deceleration in 1 second when lid is opened
- 2 rotors included:
  - 8-position microtube rotor
  - second rotor with increased capacity for 4 x 0.2mL PCR strips (or 32 x 0.2mL tubes)
- Rotors attach simply by hand – no need for tools
- Handy storage compartment underneath for second rotor and tube adapters for 0.5mL tubes (also included)

appleton®

CODE	MODEL	RRP	£££
AES2000	Mini Centrifuge	175.00	**120.00**

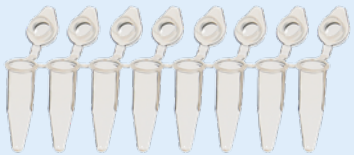
appleton® promise

We are so confident about the quality of this product that it will be **replaced free of charge** should any faults arise within the 2 year warranty period

Don't forget...

PCR Tube Strips & Caps

MORE INFO...



Sales & Customer Services **0121 458 7740** Email **sales@appletonwoods.co.uk** Please Quote **XMAS'20**

15mL and 50mL Centrifuge Tubes *Appleton*

High quality polypropylene centrifuge tubes suitable for a wide range of applications

- Printed graduations and white write-on panel
- Eco-friendly card racks
- Optically clear polypropylene
- DNase, RNase, Endotoxin & Pyrogen Free
- Can withstand temperatures from -80 to 121°C
- Option of 15 or 50ml capacity
- 50mL tubes can withstand a G Force of up to 20,000g
- 15mL tubes can withstand a G Force of up to 17,000g
- Bulk-bagged and racked options available
- Eco-friendly card racks

MORE INFO...

CODE	DESCRIPTION	PACK SIZE	RRP	£££
AB031	15mL Centrifuge tube	500	51.90	**37.50**
AB030	15mL Centrifuge tube, racked	500	64.03	**39.50**
AB028	50mL Centrifuge tube	500	66.30	**42.95**
AB034	50mL Centrifuge tube, racked	500	74.38	**49.50**
AB036	50mL Centrifuge tube, skirted	500	71.46	**49.50**

Eco-friendly card racks

app*PETTE* Single Channel Variable Pipettors *Appleton*

app*PETTE* single channel variable pipettors deliver excellent pipetting accuracy and precision without compromising on reliability or user comfort

FROM ONLY £84

- For accurate and precise pipetting over long periods
- Light, ergonomic with ultra-low pipetting and blowout forces to minimise RSI
- Easy to use – volume can be adjusted either with pushbutton or thumb wheel
- Minimise errors – locking ring prevents accidental volume changes
- Fully autoclavable without the need to recalibrate
- Adjustable tip ejector for use with various filter and gel loading tips
- Colour coding indicates pipetting volume range
- Compatible with a wide range of pipette tips
- Highly durable and UV resistant
- Supplied with calibration key, pipettor hanger, ejector caps, piston grease & manual
- Pre-calibrated to the ISO 8655 standard and supplied with a quality control certificate
- 3 year warranty

MORE INFO...

appleton®

CODE	RANGE	RRP	£££	5+	10+
AEL020	0.2-2.0 µl	175.00	**99.00**	**92.00**	**89.00**
AEL021	0.5-10 µl	175.00	**99.00**	**92.00**	**89.00**
AEL022	2.0-20 µl	161.00	**95.00**	**89.00**	**84.00**
AEL025	20-200 µl	161.00	**95.00**	**89.00**	**84.00**
AEL027	100-1000 µl	161.00	**95.00**	**89.00**	**84.00**

Any combination of sizes can be used to achieve the quantity price breaks

STARTER KIT

FROM ONLY £320

Pipettors – P10, P20, P200, P1000
FREE Tips – 10µl, 200µl, 1000µl
FREE Four place stand

CODE	DESCRIPTION	RRP	£££	5+
AEL060	Starter Kit, 4 pack	592.00	**349.00**	**320.00**

Sales & Customer Services **0121 458 7740** Email **sales@appletonwoods.co.uk** Please Quote **XMAS'20**

MORE INFO...

app*PETTE* Multi Channel Variable Pipettors *Appleton*

appleton®

FROM ONLY £205

Accurate and Precise

- Pre-calibrated to the ISO 8655 standard
- Locking ring prevents accidental volume changes
- Compatible with a wide range of pipette tips
- Calibration key supplied for peace of mind

Durable and safe

- 3-year warranty included
- Fully autoclavable
- UV resistant
- Light and ergonomic to minimise RSI

Easy to use

- Pre-calibration so it's ready to use straight from the box
- Simple to change between volumes using the pushbutton or thumb wheel
- Clear colour-coding to indicate pipetting volume range
- 360 degree rotation to suit any position
- Supplied with everything you need including manual and piston grease

8-Channel Pipettors

CODE	RANGE	RRP	£££
AEM030	1.0-10 µl	415.00	**205.00**
AEM031	5.0-50 µl	415.00	**205.00**
AEM032	20-200 µl	415.00	**205.00**
AEM033	50-300 µl	415.00	**205.00**

12-Channel Pipettors

CODE	RANGE	RRP	£££
AEM034	1.0-10 µl	566.00	**265.00**
AEM035	5.0-50 µl	566.00	**265.00**
AEM036	20-200 µl	566.00	**265.00**
AME037	50-300 µl	566.00	**265.00**

50% OFF

INTRODUCTORY OFFER

Reagent Reservoirs *Appleton*

- Ideal for single or multichannel pipettors
- Convenient pour-off spouts
- Angled bottom design for maximum recovery
- Sterile

MORE INFO...

CODE	VOLUME	PACK	INNER	RRP	£££
ACR001	10ml	200	5	132.00	**66.00**
ACR002	25ml	200	5	118.00	**59.00**
ACR003	50ml	200	5	146.00	**73.00**

Low Retention Non-filter Pipette Tips

Appleton

NON-FILTER TIPS FROM ONLY £10

Raised rim for easy rack stacking

Clips on side of rack allow safe replacement of the rack without touching pipette tips

Hinged clasp for secure closure and easy one-hand operation

Lot control labelling on both racks and outer boxes

Sturdy rack and lid that angles out of way for easy multi-channel pipetting

Proprietary **hydrophobic filter resin** easily releases overdrawn samples and has no contaminating additives

Removable, hinged lids allow partial opening for efficient autoclaving

Non-filter pipette tips, low retention, graduated

CODE	CAPACITY	DESCRIPTION	LENGTH	STERILE	PACK	RRP	£££
ACT610	10µl	Bulk bag	Extended		1,000	40.80	**10.00**
ACT611	10µl	10 x 96 tip reload decks	Extended		960	47.33	**16.00**
ACT612	10µl	10 x 96 hinged rack	Extended		960	69.83	**19.00**
ACT613	10µl	10 x 96 hinged rack	Extended	Yes	960	83.94	**19.00**
ACT621	200µl	Bulk bag	Standard		1,000	39.45	**10.00**
ACT624	200µl	10 x 96 tip reload decks	Standard		960	48.20	**14.00**
ACT622	200µl	10 x 96 hinged rack	Standard		960	57.90	**20.00**
ACT623	200µl	10 x 96 hinged rack	Standard	Yes	960	64.74	**20.00**
ACT701	Empty tip box for ACT611/ACT624		**FREE with your first order**			2.50	**0.80**

MORE INFO...

CODE	CAPACITY	DESCRIPTION	LENGTH	STERILE	PACK	RRP	£££
ACT661	1,250µl	Bulk bag	Standard		1,000	37.71	**10.00**
ACT664	1,250µl	8 x 96 tip reload decks	Standard		768	47.73	**16.00**
ACT662	1,250µl	8 x 96 hinged rack	Standard		768	58.25	**18.00**
ACT663	1,250µl	8 x 96 hinged rack	Standard	Yes	768	63.22	**18.00**

Low Retention Non-filter Pipette Tips

Appleton

- High quality, universal fit, low retention, graduated pipette tips
- Available sterile or non-sterile, racked or bulk
- Thin walls and tapered tips for easy liquid release
- No chemical binding agents
- Re-usable racks withstand multiple autoclave cycles
- Certified RNase, DNase, DNA, PCR inhibitor-free, non-pyrogenic

For a limited time only...
STERILE TIPS FOR THE SAME PRICE AS NON-STERILE

FREE EVALUATION SAMPLES
We're sure you'll like these tips, but let us know if you would like to **'try before you buy'**

Ask about our tip box recycling programme

appleton®

app*JET* Pipette Controller

Appleton

- Fingertip control for precise usage
- Lightweight, ergonomic and UV resistant
- LCD display
- Supplied with charging stand
- 1 year warranty

MORE INFO...

45% OFF

5 OR MORE JUST £140

CODE	DESCRIPTION	RRP	£££	5+ UNITS (each)
AEL540	appJET Pipette Controller	255.00	**144.00**	**140.00**

UV Pipette Carousel, app*ZAP* *Appleton*

new

Zap 99% of microbial contaminants on 6 pipettes in just 28 minutes!

- Destroys more than 99% of microbial contamination on 6 pipettes in one go
- Decontamination takes just 28 minutes
- Universal holders – works with all major pipettor brands
- No waiting for pipettes to dry or cool and no recalibration necessary
- Compact 17cm footprint

SPECIAL LAUNCH OFFER

JUST £320

MORE INFO...

CODE	DESCRIPTION	RRP	£££
AEL600	Appleton appZAP UV Pipette Carousel	£390.00	**320.00**

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Infectious Waste Containers, Bio-bin *Econix*

- Eco-friendly alternative to plastic bins and clinical waste bags
- Designed for disposal of non-sharp infectious waste
- Waterproof lightweight paper construction
- Leak-proof construction
- 1ltr Bio-bins have a fold-flat space efficient design
- Absorbant Bio-Matt™ soaks up liquid and turns into a gel in minutes
- UN 3291 approved for disposal of clinical and offensive waste
- Colour-coded according to waste type:

  Orange – Low risk infectious

  Yellow – High risk infectious

  Red – Anatomical

econix

MORE INFO...

30L Bio-bins also available – see website for full range

CODE	COLOUR	TYPE OF WASTE	CAPACITY	CASE	RRP	£££
EC201	Orange	Low risk infectious	1L	100	95.20	**85.00**
EC202	Yellow	High risk infectious	1L	100	95.20	**85.00**
EC211	Orange	Low risk infectious	2L	100	113.70	**100.00**
EC212	Yellow	High risk infectious	2L	100	113.70	**100.00**
EC221	Orange	Low risk infectious	5L	100	163.05	**145.00**
EC222	Yellow	High risk infectious	5L	100	163.05	**145.00**
EC225	Red	Anatomical	5L	100	163.05	**145.00**
EC231	Orange	Low risk infectious	6L	40	86.60	**79.00**
EC232	Yellow	High risk infectious	6L	40	86.60	**76.00**

30L Bio-bins also available – please see website for full range

High Speed Air-Cooled Microcentrifuge, Prism™ *Labnet*

- Unique Multi-Flow air cooling technology and a powerful motor drive in one high-performance, compact instrument'
- General purpose microcentrifuge
- Maximum capacity 24 x 1.5ml tubes
- User-friendly programming and precision control
- Quiet and cool running
- Supplied with 24 place rotor and improved rotor cover
- Powerful, brushless motor drive
- Offers a maximum speed of 15,000 rpm / 21,200 x g for very efficient separation of nucleic acids and protein samples
- Friction fit lid latching system combines reliability and safety with easy operation

- Uniquely designed 24-place rotor allows easy access to the tops of sample tubes, allowing for faster work flow
- Individual tube slots in the solid rotor supports tubes along their length, minimising tube deformation or cracking
- 2 year warranty

MORE INFO...

Watch the Prism in action
https://youtu.be/y8mdgSK99ZY

Labnet
Labnet International, Inc.

CODE	DESCRIPTION	RRP	£££
AA9750	Prism™ (air-cooled) with 24 place rotor	1,409.63	**749.00**

Need a competitive equipment quotation?

Speak to Lana about all of your laboratory equipment needs; she will be happy to help!

Lana Robinson BSc (Hons)
Equipment Sales Specialist
Lana.Robinson@appletonwoods.co.uk
or call her in the office on **0121 458 7740**

ESCO · STATEBOURNE cryogenics · Haier · Miele · SUEZ · Cleaver SCIENTIFIC · Cole-Parmer · sartorius · LABCOLD · Scotsman Ice Systems · OHAUS · ZEISS

Plus many other suppliers also available

High Speed Refrigerated Microcentrifuge, Prism R™ *Labnet*

- General purpose microcentrifuge
- Maximum capacity 24 x 1.5ml tubes
- User-friendly programming and precision control
- Quiet and cool running
- Supplied with 24 place rotor and improved rotor cover
- Powerful, brushless motor drive
- Powerful cooling – reaches 4°C in just 8 minutes
- Can maintain temperatures as low as -10°C whilst running at full speed
- Imbalance detection system shuts down operation in the event of a significant imbalance
- Max. speed 13,500 rpm, Max. RCF 17,135 x g
- 2 year warranty

Labnet International, Inc.

MORE INFO...

OVER 40% OFF

Prism R™ ONLY £1,999

CODE	DESCRIPTION	RRP	£££
AA9700	Prism R™ (refrigerated) with 24 place rotor	3,583.34	**1,999.00**

Mini Incubator *Labnet*

- Ideal for microbiology or haematology applications
- Corrosion resistant chamber
- Shelf can be adjusted to three different levels – additional shelves can be purchased
- Temperature range from ambient 5° to 60°C
- Wrap-around heating elements provide even heating
- Cord port on back allows use of small mixers
- Metal housing with plexi-glass window in the door for full visibility to the interior

CODE	DESCRIPTION	RRP	£££
ST2185	Mini Incubator, 230V	406.30	**295.00**

ONLY £295

Labnet International, Inc.

MORE INFO...

MORE INFO...

Enduro Gel XL *Labnet*

Complete electrophoresis system

- Up to 114 samples in a large gel
- Gel tank with integrated, direct connect power supply

ONLY £375

CODE	DESCRIPTION	RRP	£££
AA1170	Enduro Gel XL	601.99	**375.00**

SME Commercial laboratory?

Talk to our Business Development Manager about how we can take the stress out of supplying your growing business with an increasing demand for consumables, equipment and reagents

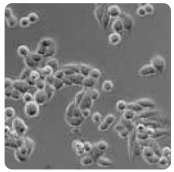
- Dedicated Business Development Manager with 10 years' experience with Appleton Woods
- Online accounts available
- Extensive stock holding of leading brands
- Flexible purchasing arrangements to remove the stress of purchasing without a large purchasing department
- Technical customer service
- Own van delivery service
- Recycling and waste management consultancy available

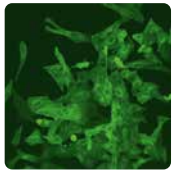
Luke Housley BSc (Hons)
Business Development Manager
luke.housley@appletonwoods.co.uk

Primovert Inverted Microscopes *Zeiss*

For examining living cells in cell cultures

- Ideal for quick assessments and inspections of living cells
- Typical applications include cancer and HIV research, human, animal and plant genetics and cell biology in general
- Universal phase slider for all objectives
- Objective-indicators for fast identification of magnification
- 1 year warranty





OVER 20% OFF

MORE INFO...

Primovert Microscope

With binocular tube for transmitted-light brightfield & phase contrast

CODE	DESCRIPTION	CONDENSER	PHOTO TUBE	RRP	£££
PK201	Primovert, brightfield, phase 4x, 10x Ph1	0.3	–	2,586.00	**2,012.00**
PK202	Primovert, brightfield, phase 4x, 10x Ph1	0.3	Yes	2,992.00	**2,328.00**
PK203	Primovert, brightfield, phase 4x Ph0, 10x Ph1, LD 20x Ph1	0.3	–	3,117.00	**2,426.00**
PK204	Primovert, brightfield, phase 4x, 10x Ph1, LD 20x Ph2, LD 40x Ph2	0.4	–	4,010.00	**3,119.00**
PK205	Primovert, brightfield, phase 4xPh0, 10xPh1, LD 20xPh1, LD 40xPh2	0.4	Yes	4,475.00	**3,483.00**
PK206	Primovert, brightfield, phase 4x, 10x Ph1, LD 20x Ph1, LD 40x Ph1	0.3	–	3,726.00	**2,899.00**

MORE INFO...

Pro Pipettor

Accumax

- Great value pipettor
- Lightweight construction and ergonomic design
- Soft-force one-hand tip loading and ejection

Accumax

OVER 50% OFF

MORE INFO...

CODE	DESCRIPTION	RRP	£££
LH0021	Accumax PRO Pipette 0.5-10 µL	105.00	**49.00**
LH0022	Accumax PRO Pipette 2-20 µL	105.00	**49.00**
LH0023	Accumax PRO Pipette 20-200 µL	105.00	**49.00**
LH0024	Accumax PRO Pipette 100-1000 µL	105.00	**49.00**

Electronic Pipettor

Accumax

From £249

- Single and multi-channel variants
- Intuitive, colour graphical interface
- Intelligent sleep mode, increasing battery efficiency by 40%
- Lightweight design
- 5 pipetting modes
- 3 point precise auto-calibration

Accumax

Single-channel electronic pipettors

CODE	VOLUME RANGE	RRP	£££
LH1001	0.5-10 µL	349.00	**249.00**
LH1002	5-100 µL	349.00	**249.00**
LH1003	10-200 µL	349.00	**249.00**
LH1004	50-1000µL	349.00	**249.00**
LH1005	250-5000µL	349.00	**249.00**

Multi-channel electronic pipettors

CODE	VOLUME RANGE	RRP	£££
LH1031	2-20µL	429.00	**329.00**
LH1032	10-200µL	429.00	**329.00**
LH1033	15-300µL	429.00	**329.00**

TRY BEFORE YOU BUY – IF YOU WOULD LIKE TO SEE A PIPETTOR PLEASE CONTACT US FOR DEMONSTRATION

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iFuge M08 Micro Centrifuge

Neuation

ONLY £89

- 2 rotors included – 8 position 1.5/2.0mL microtubes rotor plus PCR strip rotor (2 x 0.2mL strips)
- Magnetic design for tool-free rotor removal
- Small footprint
- 6000 rpm

NEUATION TECHNOLOGIES

MORE INFO...

CODE	DESCRIPTION	RRP	£££
CE6075	iFuge M08 Micro Centrifuge	165.00	**89.00**

iFuge M15K Micro Centrifuge

Neuation

ONLY £390

- Large back-lit LED display for easy reading of multiple parameters
- Microprocessor controlled Centrifuge with last run memory feature
- Offers maximum speed of 15,000rpm/15,596g
- Maximum capacity of 12 x 1.5/2.0mL tubes

NEUATION TECHNOLOGIES

MORE INFO...

CODE	DESCRIPTION	RRP	£££
CE6085	iFuge M15K Micro Centrifuge	520.00	**390.00**

iSwix VT Digital Vortex Mixer

Neuation

ONLY £135

PLUS 3 FREE ATTACHMENTS

- Adjustable speed from 300 to 4200 rpm plus timer setting
- Digital display – shows speed and time alternatively at every 5 seconds
- Optional attachments for microtubes, microplates and flasks

NEUATION TECHNOLOGIES

MORE INFO...

CODE	DESCRIPTION	RRP	£££
ST6000	iSwix VT Digital Vortex Mixer	210.00	**135.00**

Laboratory Fridges and Freezers, Spark-free, Under Bench *Lec Medical*

- Spark-free interiors reduce the risk of explosion
- Lockable doors
- Recessed handle
- CFC and HFC free
- 2 year warranty

JUST £325 EACH

MORE INFO...

Freezer FR1120

Fridge FR1121

MORE INFO...

Laboratory Fridge

- 130 litre capacity
- Automatic defrost
- External Dimensions: (HxWxD) 845mm x 545mm x 554mm

Laboratory Freezer

- 85 litre capacity
- Manual defrost
- 4 plastic drawers
- External dimensions: (HxWxD) 845mm x 545mm x 554mm

CODE	DESCRIPTION	RRP	£££
FR1120	Basic Laboratory Freezer, 85 litres, under bench	467.00	**325.00**
FR1121	Basic Laboratory Fridge, 130 litres, under bench	467.00	**325.00**

* Pricing available while stocks last

Lec MEDICAL

CO_2 Incubators, Precision Series *LEEC*

- 50L or 190L capacity
- Extra width allows easier access in the chamber
- Fan-less chamber reduces contamination risk
- High grade, seamless stainless steel inner chamber
- Anti-bacterial biocide paint on external surfaces
- Stacking kit available for 190L incubators
- 160°C dry-heat decontamination option
- Easily removable shelves and racking for simple cleaning
- Market leading energy efficiency (<0.058 kW/hr)
- Drift-free CO_2 sensor
- 2 year warranty

Also available
Touch Culture Safe Incubators
with touchscreen control and 200°C sterilisation cycle

LEEC

FROM ONLY £2,650

CODE	DESCRIPTION	RRP	£££
IN0342	Culture Safe Precision P50 (50L)	3,909.00	**2,650.00**
IN0340	Culture Safe Precision P190 (190L)	4,531.00	**3,040.00**
IN0341	Culture Safe Precision P190D with sterilisation (190L)	4,763.00	**3,195.00**

Accessories

CODE	DESCRIPTION	PRICE
IN0352	Stacking Kit for 190L Incubators	316.00
IN0354	Wheeled platform trolley with 4 x castors	302.00

MORE INFO...

3510 pH Meter

Jenway

OVER 20% OFF

- Simple to use pH, mV and temperature meter
- Ideal for routine analysis
- 3 decimal place pH resolution
- 1, 2 or 3 point pH calibration
- 3 year warranty

Jenway

MORE INFO...

CODE	DESCRIPTION	RRP	£££
PH0011	3510 pH Meter	533.40	**420.00**

74 Series Spectrophotometer

Jenway

- Ideal for teaching and routine QC
- 7" High definition colour touchscreen
- Multiple USB ports for data storage and printer connection
- Intuitive user interface
- 5nm Bandwidth
- 3 Year warranty

OVER 20% OFF

Jenway

7410/7415 Spectrophotometer

- Model 7410 – uses a tungsten halogen lamp for 320-1000nm
- Model 7415 – uses a press to read xenon lamp for UV down to 198nm

Nano Micro-volume Spectrophotometer

- For Life Science analysis – Ideal for DNA, RNA, and Protein measurement
- Purity scan over range 198-1000nm
- Only 0.5μL sample volume required
- Detects DNA concentrations as low as 2ng/μL

CODE	ALT CODE	DESCRIPTION	RRP	£££
AA7500	741001	Visible Scanning Spectrophotometer [1]	2,948.40	**2,304.00**
AA7501	741501	UV/Visible Scanning Spectrophotometer [1]	3,931.20	**3,058.00**
AA7510	747501	Nano Spectrophotometer [2]	5,563.95	**4,311.00**

[1] Supplied with 10x10mm cuvette holder fitted [2] Supplied with micro-volume accessory and calibration standards and certificate

Analytic Balances, Pioneer PX

Ohaus

OVER 25% OFF

- Suitable for a variety of laboratory, industrial and education applications
- Backlit LCD display
- Durable construction for versatile, long-term use
- USB and RS232 connectivity for easy communication
- Multiple application modes

OHAUS

MORE INFO...

CODE	DESCRIPTION	CALIBRATION	MAX . CAP.	READABILITY	RRP	£££
BA1096	Pioneer PX Analytical Balance	Internal	82g	0.01mg	2,320.00	1,650.00
BA1097	Pioneer PX Analytical Balance	Internal	120g	0.1mg	1,195.00	855.00
BA1098	Pioneer PX Analytical Balance	Internal	220g	0.1mg	1,300.00	926.00
BA1099	Pioneer PX Analytical Balance	Internal	320g	1mg	885.00	631.00
BA1100	Pioneer PX Analytical Balance	Internal	520g	1mg	950.00	677.00
BA1101	Pioneer PX Analytical Balance	Internal	3200g	0.01mg	925.00	669.00
BA1102	Pioneer PX Analytical Balance	Internal	5200g	0.01mg	985.00	712.00
BA1103	Pioneer PX Analytical Balance	Internal	4200g	0.1mg	855.00	618.00

Customisable Hotplate Stirrers *Stuart*

stuart

25% OFF

MORE INFO...

- Compact footprint won't take up valuable benchtop or storage space
- Strong stirring action with a speed of 50-2000 rpm
- Plate Surface Choice – aluminium or ceramic
- Interface Choice – analogue or digital
- Colour Choice of blue, white or black (please state colour choice when ordering)
- Separate stirrers and hotplates also available

CODE	PLATE SURFACE	INTERFACE	RRP	£££
ST2616	Aluminium top	Analogue	492.00	369.00
ST2615	Ceramic top	Analogue	529.00	397.00
ST2625	Coated aluminium plate	Digital	492.00	369.00
ST2624	Ceramic plate	Digital	528.00	396.00

MORE INFO...

-86°C ULT Upright Freezer *Haier*

- Most energy efficient – world leading power consumption, from only 8.5kWh/day
- Low noise – innovative refrigeration cabin design reduces operational noise
- Reliable performance – cabinet temperature can reach -86°C with temp uniformity within ±5°C
- Advanced insulation – saving cost on electricity
- Environmentally safe refrigerant
- 5 year warranty – parts and labour
- Free delivery*

OVER 25% OFF

Plus FREE delivery*

CODE	CAPACITY	DIMENSIONS (EXT)	KWH/DAY	RRP	£££
FR0201	578L	895 x 980 x 1960mm	8.5kWh/day	8,334.90	**5,885.00**
FR0202	728L	1041 x 980 x 1980mm	10.5kWh/day	9,128.70	**6,475.00**
FR0203	828L	1145 x 980 x 1980mm	11.5kWh/day	9,639.00	**6,870.00**

* Free delivery to goods inwards. Additional charges for sited delivery apply

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- ✔ Field based Technical Sales Representatives
- ✔ Technical Customer Services
- ✔ Extensive Stock Holding
- ✔ Own Van Delivery Service
- ✔ ISO14001 and ISO 9001 Registered

Chris Brown, Managing Director

Variable Pipettors, Discovery Comfort *HTL*

- Light and ergonomically designed for exceptional comfort
- Redesigned soft spring system has reduced plunger pressures by up to 50%, minimising chances of repetitive strain injury (RSI)
- UV resistant
- Fully autoclavable – no need to recalibrate†
- Large volume display with easy-to-read numbers
- Tip ejector is adjustable to a range of tips
- Locking system prevents accidental volume changes, complies with ISO 8655
- 3 year warranty

HTL LAB SOLUTIONS

FROM £99

Whilst promotional stocks last

Multi-channel – Additional features

- Unique, patented curved multi channel manifold ensures an excellent tip seal whilst minimising ejection force
- 8 or 12 channel options
- 360° ejector

FROM ONLY £209

Multi-Channel Pipettors

CODE	CHANNELS	RANGE	RRP	£££
HDM030	8	1.0 - 10.0µl	420.00	209.00
HDM031	8	5.0 - 50µl	420.00	209.00
HDM032	8	20 - 200µl	420.00	209.00
HDM033	8	50 - 300µl	420.00	209.00
HDM034	12	1.0 - 10.0µl	572.00	279.00
HDM035	12	5.0 - 50µl	572.00	279.00
HDM036	12	20 - 200µl	572.00	279.00
HDM037	12	50 - 300µl	572.00	279.00

Single-Channel Pipettors

CODE	RANGE	RRP	£££
HDM020	0.2 - 2.0µl	186.00	104.00
HDM021	0.5 - 10µl	186.00	104.00
HDM022	2.0 - 20µl	169.00	99.00
HDM024	10 - 100µl	169.00	99.00
HDM025	20 - 200µl	169.00	99.00
HDM026	50 - 250µl	169.00	99.00
HDM027	100 - 1000µl	169.00	99.00
HDM028	1000 - 5000µl	208.50	115.00
HDM029	1000 - 10000µl	208.50	115.00

† It is recommended that the pipettor accuracy is checked after 10 autoclave cycles

STARTER KIT INCLUDES:

- Pipettors: P10, P20 P200, P1000
- Tips: 10µl, 200µl, 1000µl
- Four place stand

CODE	DESCRIPTION	RRP	£££
HDM060	Starter Kit	624.00	355.00

Laboratory Sustainability

We all know how important it is to reduce our carbon footprint and plastic waste and at Appleton Woods we want to help make your laboratory more sustainable.

Here's a selection of products which can make your everyday tasks better for the environment – what could you change to make a difference?

Look out for our sustainability logo throughout this booklet and website for products to help improve your lab's sustainability

Centrifuge Tubes, Appleton

new

15mL and 50mL Centrifuge Tubes in eco-friendly card racks

See page 7

appleton®

BioEcho Kits and Reagents

Innovative, convenient and sustainable

BIO ECHO evolution in biosciences

All BioEcho products for DNA sample preparation and processing are developed for sustainable, eco-friendly lab processes by avoiding hazardous reagents and plastic-based kit components are reduced by 70%. BioEcho also have a plastic-free packaging concept

See page 32

EchoLUTION

Silica Kit

Infectious Waste Containers, Bio-bin, Econix

Eco-friendly alternative to plastic bins and clinical waste bags

See page 13

econix

Silicone Lid, DURAN

DURAN silicone lids are reusable, easy to clean and dishwasher-safe

This results in less waste and a lower environmental impact

MORE INFO...

DURAN®

Only £4.50 for 3 lids

Pipette Tip Box Recycling

Ask about our pipette tip box recycling programme

We'll collect your waste boxes on one of our delivery runs and send the consolidated waste for recycling

Cell Counter *Corning*

ONLY £2,700

The world's fastest and most accurate cell counter

- Fast – due to cloud-based image processing
- Accurate – due to its machine learning algorithm
- Low-cost – no additional consumables required
- Easy to use – to begin a count, simply place a loaded counting chamber on the stage and press start
- Convenient data retrieval – the cell count report is instantly shown on your computer. It is also sent to a secure cloud server, enabling you to access the analysed image and cell count on a smartphone, tablet, or computer

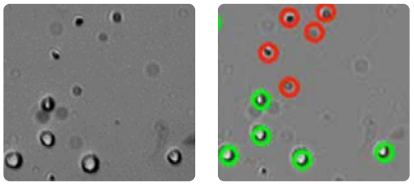

Figure 1 Dead cells stained with Trypan blue are detected by the image analysis algorithm. Red circles represent dead cells, green circles represent live cells.

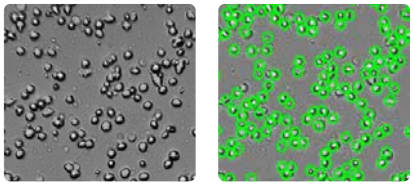

Figure 2 The image analysis algorithm is able to detect clusters of cells. Red circles represent dead cells, green circles represent live cells.

MORE INFO...

CODE	DESCRIPTION	RRP	£££
ST2360	Corning Cell Counter	3,045.68	**2,700.00**

MORE INFO...

3D Cell Culture *Corning*

CORNING

Elplasia Microcavity Plates

- Enable high density, scaffold-free, self-assembly spheroid formation, culture, and analysis in a standard plate footprint
- Compatible with many cell types and applications such as; drug screening, including high throughput screening, cancer/tumour biology, stem cell biology, cell therapy research and 3D tissue engineering
- Round bottom plates – Ultra-Low Attachment (ULA) surface, optimal for bulk spheroid formation, collection and expansion
- Square Bottom Plates – plasma-treated surface for self-coating, optical qualities suited for image analysis, making then an ideal solution for clonal selection and imaging of very small clusters

Matrigel Matrix for Organoid Culture

- A solubilised basement membrane preparation optimised for organoid culture
- Verified to support both mouse and human organoid growth and differentiation from healthy and/or diseased tissue

MORE INFO...

CODE	ALT. CODE	DESCRIPTION	RRP	£££
DL160	356255	Corning® Matrigel® Matrix For Organoid Culture Phenol-Red Free, 10mL	608.40	499.00

Round bottom micro-cavity plates

CODE	DESCRIPTION	DIAMETER	DEPTH	RRP	£££
CZ601	6 Well Black Clear Round Bottom plate	500µm	400µm	434.99	290.00
CZ602	24 Well Black Clear Round Bottom plate	500µm	400µm	434.99	290.00
CZ603	96 Well Black Clear Round Bottom plate	500µm	400µm	434.99	290.00

Square bottom micro-cavity plates

CODE	DESCRIPTION	WIDTH	DEPTH	RRP	£££
CZ604	6 Well Black Clear Square Bottom plate	200µm	100µm	434.99	290.00
CZ605	24 Well Black Clear Square Bottom plate	200µm	100µm	434.99	290.00
CZ606	96 Well Black Clear Square Bottom plate	200µm	100µm	434.99	290.00

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For the Life Scientist

app*TAQ* Polymerase & Ready-mixes

Appleton

Reliable, every day PCR

- For routine PCR of amplicons up to 6kb
- Pre-optimised buffer system with pre-added dNTPs and $MgCl_2$
- Works under standard or fast cycling conditions
- Clone PCR products into TA vectors
- Amplifies from complex GC-rich or AT-rich templates
- Suitable sample types: mammalian genomic DNA / GC- or AT-rich DNA
- Available as ready mix for extra convenience or with a red dye for visualising PCR products by agarose gel electrophoresis

app*TAQ* Hot Start Polymerase & Ready-mixes

Appleton

Ultra sensitive PCR

- Inactive at ambient temperature for highly specific PCR
- For genotyping, high throughput PCR & low copy number detection
- Optimised buffer system with pre-added dNTPs and $MgCl_2$
- Amplify products ≤6kb
- Suitable for difficult templates (low copy number, GC/AT-rich, blood, colony or methylated DNA)
- Works under standard or fast cycling conditions
- Clone PCR products into TA vectors

app*MEGA* Polymerase & Ready-mixes

Appleton

Long range difficult PCR

- Amplify DNA products ≤35kb (lambda); 25kb (genomic)
- Suitable for next gen re-sequencing, long range, complex, multiplex, colony or crude PCR
- Optimised buffer system with pre-added dNTPs and $MgCl_2$
- Hot-start enzyme is inactive at ambient temperature for highly specific, processive PCR
- Works under standard or fast cycling conditions
- Clone PCR products into TA vectors

app*TAQ* Polymerase & Ready-mixes

CODE	DESCRIPTION	RRP	£££
ARP001	AppTaq Polymerase, 500 units	110.00	**77.00**
ARP003	AppTaq Polymerase, 2000 units	396.00	**277.20**
ARP052	AppTaq Mix (2X), 200 reactions	75.00	**52.50**
ARP062	AppTaq RedMix (2X), 200 reactions	85.00	**59.50**

app*TAQ* Hot Start Polymerase & Ready-mixes

CODE	DESCRIPTION	RRP	£££
ARP021	Hot AppTaq Polymerase, 250 units	95.00	**66.50**
ARP023	Hot AppTaq Polymerase, 1000 units	342.00	**239.40**
ARP072	Hot AppTaq Mix (2X), 200 reactions	135.00	**94.50**
ARP082	Hot AppTaq RedMix (2X), 200 reactions	135.00	**94.50**

app*MEGA* Polymerase & Ready-mixes

CODE	DESCRIPTION	RRP	£££
ARP031	Mega-App Polymerase, 250 units	135.00	**94.50**
ARP033	Mega-App Polymerase, 1000 units	486.00	**340.20**
ARP092	Mega-App Mix (2X), 200 reactions	140.00	**98.00**

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Molecular Biology Grade Agarose

Appleton

- For routine analysis of nucleic acids from 100-1,000bp
- High gel strength, suitable for blotting
- Sharp and well defined bands
- Low background
- DNase/RNase free

BEST Seller

HALF PRICE

MORE INFO...

CODE	DESCRIPTION	RRP	£££
AG001	Agarose, 500g	275.00	**137.50**
AG002	Agarose, 100g	57.00	**28.00**

Life Science Reagents from Appleton Woods

Appleton molecular biology reagents offer a wide range of solutions for PCR, qPCR, RT-PCR, one step qRT-PCR, cDNA synthesis and nucleic acid purification.

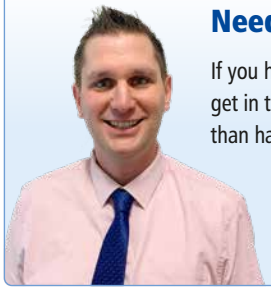
Our recently updated brochure features the **NEW** range of Appleton Molecular Biology Reagents, including a handy qPCR Selection Guide.

To request a printed copy:

Email: **sales@appletonwoods.co.uk**
Telephone: **0121 458 7740**

Or contact one of our **technical sales representatives** to discuss your requirements

DOWNLOAD...



Need help with reagents?

If you have any questions about the Appleton Woods reagent range please get in touch with our new Reagent Product Specialist. Stewart will be more than happy to meet to discuss your work and reagent requirements.

Dr Stewart Sale – Product Specialist, Reagents
stewart.sale@appletonwoods.co.uk

BIO ECHO
evolution in biosciences

BioEcho Kits and Reagents

Innovative, convenient and sustainable

All BioEcho products are developed for sustainable, eco-friendly lab processes by avoiding hazardous reagents. Plastic-based kit components are reduced by 70% when compared to commonly used equivalents.

DNA Sample Preparation, EchoLUTION *BioEcho*

- EchoLUTION **single-step spin column purification process** allows DNA extraction in a fraction of the time
- Resulting DNA is extremely pure and suitable for downstream applications such as PCR, qPCR and Next Generation Sequencing

CODE	KIT	DESCRIPTION	PACK SIZE*	RRP	£££
BCH001	EchoLUTION Blood DNA Kit	For purification from 60µL liquid blood or dried blood spots/FTA cards	10	31.40	**28.00**
BCH006	EchoLUTION Tissue DNA Kit	For purification of genomic DNA from 0.1 to 10mg tissue	10	41.40	**37.00**
BCH011	EchoLUTION Cell Culture DNA Kit	For purification from up to 2 x 106 eukaryotic cells	10	34.60	**31.00**
BCH051	EchoLUTION Plant DNA Kit	For purification of genomic DNA from plant tissue	10	36.80	**33.00**

* Also available in pack sizes of 50 and 250

Sustainable and non-toxic products

- 70% less plastic consumed*
- No use of organic solvents
- Environmentally friendly packaging concept (plastic free)
- No toxic solutions – improves lab safety and health **PLUS** no hazardous chemical waste

***Plastics consumption:**

E.g. 250 rxns Tissue DNA Micro Kit

Silica bind-wash-elute: 2.70kg
vs. **BioEcho:** 0.85kg

>3 x more waste

Silica

EchoLUTION

BIO ECHO evolution in biosciences

PurifyLater Tissue Stabilizer *BioEcho*

- Stabilizes human or animal tissue samples for convenient and safe storage
- Reliable protection against degradation of both DNA and RNA
- Scalability for every need (1000 samples of 10 mg or 20 samples of 1 g)
- Purify DNA or RNA at your convenience
- Indefinite storage at -20°C and -80°C, or up to 4 weeks at 4°C

MORE INFO...

BIO ECHO evolution in biosciences

10% OFF

CODE	DESCRIPTION	VOLUME	RRP	£££
BCH037	PurifyLater Tissue Stabilizer	100ml	108.90	**98.00**
BCH038	PurifyLater Tissue Stabilizer	500ml	475.30	**427.00**

EchoSAFE FFPE Deparaffinisation Solution *BioEcho*

- Non-toxic and powerful deparaffinisation solution for FFPE tissue samples
- Compatible with most silica-based DNA or RNA kits
- Non-toxic, non-volatile
- No more need to handle FFPE tissue deparaffinisation under a fume hood

MORE INFO...

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CODE	DESCRIPTION	SIZE	RRP	£££
BCH034	EchoSAFE FFPE Deparaffinisation Solution	10mL	83.00	**75.00**
BCH035	EchoSAFE FFPE Deparaffinisation Solution	100mL	673.00	**605.00**

Buy with Confidence

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- ✔ Technical Customer Services
- ✔ Extensive Stock Holding
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Chris Moore, Commercial Director

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Our Environmental Management System has been audited and certified to meet the requirements of ISO14001:2015.

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nqa.
ISO 9001
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