



PRODUCT EXTRA

THE LATEST NEWS FROM ELKAY
2016

**Precision laboratory consumables,
durables and service products including:**

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Picus® Electronic Pipette & accessories

"Sartorius liquid handling products are a perfect combination of ergonomics, reliability and design."

Picus®, the winner of the Red Dot design award and the Fennia Prize Honorary Mention in 2012, is Sartorius' latest and most ergonomic, pipette in the Biohit family. Designed to revolutionise pipetting, it is the lightest electronic pipette on the market. This enables it to ease the user's workload and provides protection from repetitive strain injury (RSI).

Its new generation technology, electronic brake and piston control system guarantee accurate and precise pipetting results. By guiding pipetting steps, the unique plate tracker increases reliability in micro-well plate work.

Picus® is available in single-channel models, covering a volume range of 0.2-10,000µL and in multichannel models from 0.2µL to 1200µL.



Enjoy pipetting!

- The lightest and smallest electronic pipette protects you from RSI (repetitive strain injury) and eases your workload in long pipetting series
- The new ergonomic design ensures an optimal working posture and comfortable pipetting
- The effortless, electronic tip ejection saves your hand from strain

Achieve Reliable Results

- New generation technology – the electronic brake and piston control system – guarantee accurate and precise pipetting results
- A unique plate tracker increases reliability in microwell plate work, by guiding pipetting steps
- Fully electronic operation guarantees user-independent results

Learn to use it in a Minute!

- Intuitive user interface – learn the main functions easily without a manual.
- Fastest volume setting and easy menu navigation with unique adjustment wheel
- Hot key – quick access to your favourite programs, easing routine and repetitive work



"It's hard to understand that any electronic device can be this light (only 100g)."

Ergonomics

- Lightest and smallest electronic pipette (only 100g)
- Comfortable handle design and finger hook
- Unique electronic tip ejection
- Together with our popular Pipetting Academy free training program, Picus® will help you improve your health and safety in the lab (See page 7, Lower)

New generation technology

- Enhanced DC-motor concept takes Picus® a step beyond the existing technological solutions providing outstanding performance
- Electronic brake stops the piston movement rapidly and precisely ensuring high precision especially in serial dispensing
- Optical sensor controls and monitors piston movement in real time ensuring unbeatable accuracy and reliability

Adjustment wheel

- Offers extremely fast volume setting and easy menu navigation
- Enables ergonomic one-handed operation
- Controls accurate manual pipetting and titrating speed with just a touch of the thumb

Microwell plate tracker

- Unique built-in tracker for 96 and 384 well plates guides the user to pipette into correct wells
- Improves work efficiency and reliability of results
- Tracker is an optional feature used in conjunction with Pipetting, Reverse Pipetting and Multi-dispensing modes

Technical features

- Calibration adjustment in 1-, 2- or 3-points
- Information for the service and calibration intervals
- Autoclavable lower parts (excl. 1200µL models)
- Charge in charging stand or with micro USB cable (continue working with USB charging connected)
- Li-Polymer battery enables charging time in approx. 1 hour



PIPETTE STANDS

CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
730981	Charging Stand for one pipette	ea	160.00
730991	Charging Carousel for 4 pipettes	ea	345.00
725620	Linear Stand (non-charging)	ea	54.00

Charging stands include universal AC-adaptor (EU, UK, US | JPN and CHN plugs)



PIPETTING MODES

MAIN MODE - AVAILABLE IN ALL PICUS® MODELS	ADDITIONAL FUNCTIONS - TO BE USED IN CONJUNCTION WITH THE MAIN MODE				
	TRACKER	MIXING	COUNTER	EXCESS VOLUME ADJUSTMENT	AUTO DISPENSING (TIMED)
Pipetting	✓	✓	✓		
Reverse Pipetting	✓	✓	✓	✓	
Manual Pipetting	✓				
Multi Dispensing	✓	✓		✓	✓
Diluting	✓	✓			
Sequential Dispensing	✓			✓	
Multi Aspiration	✓				
Titrate	✓				

ORDERING INFORMATION

CATALOGUE NUMBER	CHANNELS	VOLUME RANGE (µl)	INCREMENT (µl)	TEST VOLUME (µl)	INACC. (%)	IMPR. (%)	UNIT QTY	UNIT PRICE (£)
735021	1	0.2 - 10	0.02	10 5 1	0.90 1.00 2.50	0.40 0.70 1.50	ea	491.00
735041	1	5 - 120	0.10	120 60 12	0.40 0.60 2.00	0.15 0.20 1.00	ea	491.00
735061	1	10 - 300	0.20	300 150 30	0.40 0.60 1.50	0.15 0.20 0.80	ea	491.00
735081	1	5 - 1000	1.00	1000 500 100	0.40 0.60 1.50	0.15 0.20 0.50	ea	491.00
735101	1	100 - 5000	5.00	5000 2500 500	0.50 0.80 1.00	0.15 0.20 0.40	ea	491.00
735111	1	500 - 10000	10.00	10000 5000 1000	0.60 1.20 3.00	0.20 0.30 0.60	ea	491.00
735321	8	0.2 - 10	0.02	10 5 1	0.90 1.50 4.00	0.50 0.80 3.00	ea	758.00
735341	8	5 - 120	0.10	120 60 12	0.50 0.70 2.00	0.20 0.30 1.50	ea	758.00
735361	8	10 - 300	0.20	300 150 30	0.50 0.70 2.00	0.20 0.30 1.00	ea	758.00
735391	8	50 - 1200	1.00	1200 600 120	0.50 1.00 2.50	0.20 0.30 1.00	ea	758.00
735421	12	0.2 - 10	0.02	10 5 1	0.90 1.50 4.00	0.50 0.80 3.00	ea	902.00
735441	12	5 - 120	0.10	120 60 12	0.50 0.70 2.00	0.20 0.30 1.50	ea	902.00
735461	12	10 - 300	0.20	300 150 30	0.50 0.70 2.00	0.20 0.30 1.00	ea	902.00
723491	12	50 - 1200	1.00	1200 600 120	0.50 1.00 2.50	0.20 0.30 1.00	ea	902.00

Prospenser Bottle-Top Dispenser

This range of dispensers deliver safe and precise dispensing of liquids, including strong acids, bases and solvents from a supply bottle.

Special features include:

- An easy-to-adjust calibration mechanism and anti-drip precision valve for enhanced accuracy and usability
- A fine adjustment mechanism allows for even greater reproducibility for repeat dispensing
- Wide range of adapters are included to fit most common bottle sizes
- Fully autoclavable at 121°C, One bar for 20 minutes
- Accuracy of delivery within $\pm 0,3\%$ of maximum delivery
- Chemically-resistant fluid pathway
- Easy-to-adjust calibration mechanism



CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
723049	Prospenser Bottle Top Dispenser, 0.01-2.5ml	ea	224.00
723050	Prospenser Bottle Top Dispenser, 0.1-5ml	ea	224.00
723051	Prospenser Bottle Top Dispenser, 0.2-10ml	ea	224.00
723052	Prospenser Bottle Top Dispenser, 1-30ml	ea	341.00
723053	Prospenser Bottle Top Dispenser, 1-50ml	ea	371.00

PERFORMANCE SPECIFICATIONS

CATALOGUE NUMBER	VOLUME (ml)	INCREMENT (ml)	MAX VOLUME (ml)	IMPR. (%)	INACC. (%)
723049	0.01 - 2.5	0.05	2.5	0.1	0.3
723050	0.1 - 5	0.1	5	0.1	0.3
723051	0.2 - 10	0.2	10	0.1	0.3
723052	1 - 30	1.0	30	0.1	0.3
723053	1 - 50	50	50	0.1	0.3



New Sartorius Low-Retention Filter Tips for Picus®

SafetySpace™ Filter Tips are designed to leave more space between the sample and the filter. This allows pipetting any type of liquid or using any pipetting technique without the risk of the precious sample absorbing into the filter. In effect, this secures 100% sample recovery and thus greater accuracy.

100% sample recovery!

DESCRIPTION

Sartorius Low-Retention Tips have an extremely even and durable liquid-repellent surface for optimising the flow of the liquid while dispensing, for optimum sample recovery. Liquids with low surface tension, like detergents, slide easily off of the inner surface of the tip, leaving very little residue behind. This Low-Retention feature is thus very useful in the following applications, where such viscous, detergent containing, liquids are often pipetted: PCR, real-time PCR, cloning, SDS-PAGE and other nucleic acid or protein analysis methods.

*RNase, DNase, Endotoxin-free and Pre-sterilised



Safety air gap between filter and nose cone of pipette



CATALOGUE NUMBER	DESCRIPTION	LENGTH mm	UNIT QTY mm	UNIT PRICE (£)
LH-LF790011	SafetySpace™ Filter Tip Low-Retention 0.1-10µL	32	10 x 96	99.00
LH-LF790021	SafetySpace™ Filter Tip Low-Retention 0.5-20µL	51	10 x 96	99.00
LH-LF790101	SafetySpace™ Filter Tip Low-Retention 2-120µL	51	10 x 96	99.00
LH-LF790201	SafetySpace™ Filter Tip Low-Retention 5-200µL	52.5	10 x 96	99.00
LH-LF790301	SafetySpace™ Filter Tip Low-Retention 5-300µL	52.5	10 x 96	99.00
LH-LF791001	SafetySpace™ Filter Tip Low-Retention 50-1000µL	78	10 x 96	99.00
LH-LF791211	SafetySpace™ Filter Tip Low-Retention 50-1200µL	90	10 x 96	120.00

Pipette Service and Calibration

PETTECHECK

Need to meet ISO 15189 standard or another Quality Audit?

...make sure you choose PetteCheck to service and calibrate your Pipettes



FACTS ABOUT ISO 15189 AND PIPETTE SERVICE AND CALIBRATION

- The standard is not specific to pipettes – it is a wide-reaching QC standard and has been clarified by us talking directly with the CPA
- You need to use UKAS audited facilities to meet the standard – Pettecheck facilities are UKAS Audited
- There are 4 specific criteria that must be satisfied to pass UKAS Traceability, Total Pipetting Volume covered, Uncertainty of Measurement recorded and certified and Manufacturers calibration tolerances adhered to

PetteCheck provides all 4 and issues a certificate as proof

FACTS ABOUT PETTECHECK AND PIPETTE SERVICE AND CALIBRATION

- We serviced and calibrated over 10,000 pipettes in 2015 (including nearly 100 NHS labs) an assurance of a tried and trusted service
- All makes and models catered for!
- We provide electronic certificates for our customers to store and print – immediate access without asking!
- We “inspect” rather than “replace” – No excessive (and often hidden) spare parts charges
- One month ‘after service’ guarantee – peace of mind in the the unlikely event a pipette needs looking at after the clinic has finished
- All services (on or off-site) are offered and accredited by UKAS to ISO17025 and where applicable ISO8655 Pipetting Standards
- Elkay Territory Managers offer support before, during and after your clinic (if required) with all questions answered in a clear, concise and simple manner

FREE Pipetting Academy with every clinic!

This popular training session attracts IBMS credits (CPD) with training certificates for all attendees.

Proof of Pipette competency is being asked for more and more by accreditation auditors – make sure you have this covered by taking advantage of this free academy.

More Information:

Email rosie@elkaylabs.com with your details and preferred clinic date and we will ask you a few quick questions before quoting.

Website at www.elkaylabs.com/contactus.php or scan the QR Code.



120ml Container / Sample Beaker

This 120ml polypropylene beaker is suitable for use on autosamplers (e.g. Metrohm) or as a Transport Container Tube with Cap.

Cap supplied separately (127-T120-CAP) see below.

Diameter (Outer): 40mm

Height: 113mm

Material: Polypropylene PP

Sterility: Non sterile

Volume: 120ml



CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
127-T120-250	Container / Sample Beaker, PP, 120ml	pk 250	91.00
127-T120-CAP	Screw Cap, PP	pk 250	20.00

CryoVial® Canes

Aluminium holder for storage of up to five 1.2ml or 2ml internally threaded Cryogenic storage vials in liquid nitrogen containers such as Dewar flasks. Tubes snap easily into place for vertical cryogenic storage of vials.



CATALOGUE NUMBER	DESCRIPTION	LENGTH mm	UNIT QTY	UNIT PRICE (£)
127-T313-000	Cane for Cryogenic Vial	290	pk 12	9.00



Scan here for information on internally-threaded Elkay CryoVial®

50ml VersaTube with Hinged Cap

A unique, patented container

SIMPLIFY DIGESTION ANALYSIS, SAVE TIME AND MONEY

- Vent samples using the hinged cap – no watch glass required
- Certified accuracy of graduations (Class A) and trace metal levels
- Certificate of Analysis in each case
- Heat-resistant polypropylene homopolymer
- Compatible with most digestion blocks

FROM FIELD TO LABORATORY, COLLECT & TRANSPORT SPECIMENS

- Easy-flip lid for fast closure
- 5 ml – 50 ml graduations for quick measurement
- Locking tab

SAMPLES, SWABS, PILLS, SPICES, STORE ANYTHING SAFELY

- Clear polypropylene for viewing
- Etched cap surface for writing
- Free-standing flat bottom for storage
- Chemical and corrosion-resistant
- No moisture absorption



See the short video
here on Versatube™



Easy-flip lid for fast closure



Cap locked in place by locking tab







CATALOGUE NUMBER	DESCRIPTION	LENGTH mm	UNIT QTY	UNIT PRICE (£)
500-VT50-200	VersaTube™, 50ml with flip lid, PP	112	pk 500	150.00

Universal Containers & 5ml Bijou Tubes

For liquid or solid sample collection, transport and short-term storage.

- Manufactured from high-clarity, medical-grade polystyrene
- ¼ –turn leak-proof screw cap supplied attached
- Conical inner base to ensure full sample recovery
- Skirted base for easy tube manipulation
- For in-vitro use only
- 95kPa compliant

To see our full range of universal containers, please go online and browse our 'Labstuff Essentials' range at www.elkaylabs.com

Volume (ml)	5ml Bijou	5ml Bijou	30	30	30	30
						
Sterility	Gamma	Aseptic	Aseptic	Aseptic	Aseptic	Aseptic
Additional Information	Unlabelled Moulded graduation lines	Unlabelled Moulded graduation lines	Unlabelled Non-graduated	Labelled Printed graduations on label	Patient i.d. label	Patient i.d. label, faeces spoon
Cat No Unit Qty	500-1000-407 1000	500-1000-417 1000	500-1000-301 400	500-1000-302 400	500-1000-305 400	500-1000-303 400
Unit Price (£)	99.00	80.00	50.00	53.00	55.00	90.00

Order Online!

Fill your basket, pay and we'll do the rest.

Vacutest Urine Collection System

*Still Decanting Urines from Universals?
Try Vacutest® from Elkay*

Urinalysis is undoubtedly one of the oldest laboratory tests, first used by the Babylonians in 4000 BC, then developed by the ancient Greek Physician Hypocrates in 500 BC, who studied its colour and appearance to help diagnose a patient.

Since these ancient times the scientists in the 18th, 19th and 20th Centuries have bought urine microbiological diagnosis out of the dark ages, culminating in present day high-throughput platforms that dramatically reduce time spent on urinalysis.

"Why do you still decant to workstation tubes using valuable scientist time and adding risk to health and safety?"

"We've always done it this way and its cheap!"

So turn to VACUTEST! It's a simple system that samples straight from the patients urine sample container straight into the urine tube with no human contact.

Users have told us that it works out less expensive than running a urines bench and allows greater flexibility for allocating staff to other duties.

The urine is collected easily and safely from the patient into a 6cm wide mouth container (3 x the diameter of a standard 30ml universal container) and from there sampled straight into the appropriate analyser tube for direct or further analysis in the laboratory.

It really is as easy as 1-2-3!



New lower volume 60ml cup available sterile and non-sterile.



Step 1. Collect the urine in a sterile or non-sterile Vacutest Cup.



Step 2. Insert the required urine tube into the collection port of the cup.



Step 3. Shake the filled tube and send to laboratory for use onto the urine analyser.

The system saves time and is a perfect solution for both laboratory and GP staff who undertake urine collection and sampling.



Talk to us about switching over

For a free sample pack and a 20% discount voucher valid for 12 months, email sales@elkaylabs.com, enter VACUTEST in the subject field and put your name, address and telephone number in the content or click on the QR Code leaving your details on the form.

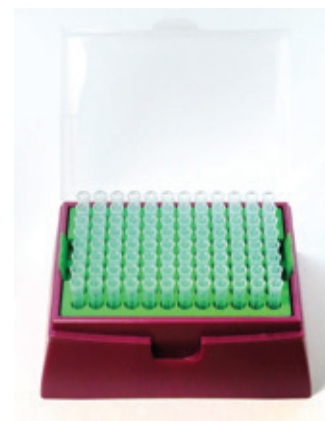
Very Latest News



- New Tecan-style tip racks in latest format



- 5ml Scintillation Vial (#8620) now available



- Coloured RefillPro tip wafers launched – (Green 300µl shown)

FAXBACK - to Marketing on **01256 353115**

Name Dept

Establishment

Post Code Telephone

email

For more information or samples, please tick the appropriate box and faxback to Elkay today:

- ☐ Picus® electronic pipette & accessories
- ☐ Prospenser™ Bottle top dispenser
- ☐ Low-Retention Filter Tips
- ☐ Pipette Service and Calibration
- ☐ 120ml Container/Beaker
- ☐ Cryo Cane for Cryovials®
- ☐ 50ml VersaTube with hinged cap
- ☐ Universal Container range
- ☐ Vacutest Urine Collection
- ☐ Tecan tip rack
- ☐ Scintillation Vial
- ☐ Coloured RefillPro tip wafers

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