

1-888-593-5969 • biolynx.ca • tech@biolynx.ca





January 2023 - March 31st, 2023 The **PIZZA** parties are back!



Accumulate \$500 in purchases of USA Scientific products from MJS BioLynx and receive a \$50 Pizza Gift Certificate





For the cold Canadian winter months of January - March 2023 enjoy hot, delicious pizza on us!

Accumulate \$500 in purchases of USA Scientific products from MJS BioLynx and receive a \$50 Pizza Gift Certificate.*

Please reference Promotion Code US2023PZA to be eligible for this promotion. This promotion applies to all MJS BioLynx product numbers that begin with "US".

Offer valid until March 31st, 2023.

\$500 order value is after any applicable discounts or coupons and before taxes and shipping charges. Limit: Two pizza parties per lab; Cannot be combined with other offers.

* Please note that if you are unable to accept our pizza gift we would be pleased to offer you a \$50 voucher towards your next order of \$100 or more of USA Scientific products (order total after taxes and shipping).

Coupons are valid until April 30th, 2023.

TipOne® Pipet Tips and ErgoOne® Pipets



- Filter and non-filter tips
- Single channel and multi-channel pipets

CytoOne® Cell Culture Labware



- Flasks
- Dishes
- Plates
- · Scrapers

Small Instruments



- Microcentrifuges
- Vortexers
- Shakers

Tubes



- · Cryogenic tubes
- · Centrifuge tubes
- PCR tubes
- Culture tubes

Plates



- · Deepwell plates
- Microplates
- PCR plates
- · Sealing film

Accessories



- · Labels
- Freezer racks
- Organizers
- · Lab safety

BioLynx INC.

Lynking Quality Products and Support to your Research 1-888-593-5969 • biolynx.ca • sales@biolynx.ca



Pyros Kinetic Flex

Fully compliant USP bacterial endotoxin testing system.



- · An optical reader that runs both chromogenic and turbidimetric endotoxin assays
- · Available in 3 configurations: 32, 64 or 96 positions
- Best sensitivity range in the industry with detection limits as low as 0.001 EU / mL
- · Increased efficiency: easy-to-use software that provides quantitative results while the assay continues to run
- · Flexible testing: variable volume and ratios can be used
- Reduced lysate usage: volumes as low as 50 μL per analysis
- · Independently timed wells: allows for more samples to be added for a continuous run
- · 21 CFR part 11 compliant software with Oracle-based best-in-the-industry data security
- Precise temperature-controlled incubator: 37°C ± 0.5°C
- Solid state design with LED light source for low maintenance
- · Two wavelength settings: 405 nm and 660 nm
- Complete validation protocol is available

Associates of Cape Cod Inc. products are available from MJS BioLynx Inc., a Canadian distributor of high quality products for protein chemistry, molecular biology, immunology, microbiology, and other life science disciplines.

Visit <u>www.biolynx.ca/endotoxin</u> or call **1-888-593-5969** for more information.



AUTOMATIC TUBE LABELER

TubeWriter 360[™] is a high-speed inkjet unit that prints directly on vials, tubes and other labware to eliminate the cumbersome and time-consuming application of adhesive labels or messy handwriting.



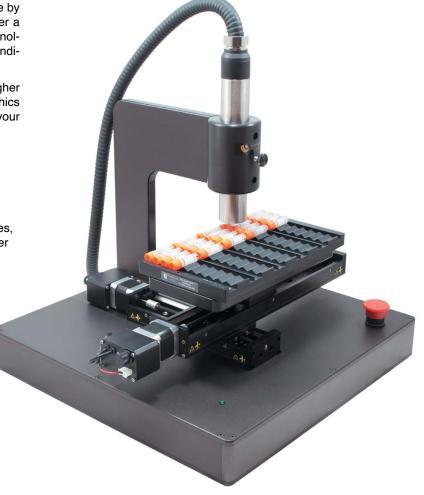
Tradition of Innovation

TubeWriter 360™ expands on the TubeWriter product line by employing a high-speed ink-delivery system used in over a quarter of a million systems world-wide. The inkjet technology has been designed to withstand harsh industrial conditions.

Continuous inkjet technology brings higher speed and higher resolution to the analytical laboratory. Barcodes, graphics and smaller more legible fonts are all now possible on your tubes and glassware.

The Fastest Direct Printer for Labware

- · Proven assembly-line technology for the lab bench
- · High-speed Up to 2,500 tubes / hour
- Any labware Autosampler vials, microcentrifuge tubes, screw cap tubes, conical tubes, snap cap tubes, cluster tubes, cryogenic vials, histology cassettes, slides and microplates.
- Scannable barcode printing on demand (e.g., 2D Data Matrix, Code 128, etc.)
- Excel Interface or LIMS Integration
- Graphics include logos, warning symbols, manufacturing marks and more
- Size and Weight:
 - Printing Unit: 18" x 18" x 16", 50lbs
 - Inkjet Cabinet: 13.6" x 11.2" x 21.3", 49lbs



Print on Any Labware!





Who Can Benefit from TubeWriter 360™?

- · QA / QC labs where every sample must be tracked and positively identified
- High-volume clinical reference and testing labs
- Reagent manufacturers. Protects identification in dry ice and eliminates use of adhesive labels.
- · Pharmaceutical companies looking to reduce time-to-market on drug discovery
- Cell banks storing cryovials exposed to liquid nitrogen and -80°C
- · Tube manufacturers needing flexible printing solutions for custom runs



Laboratory Water Purification Systems

Water systems that conveniently, economically, and reliably deliver high purity reagent grade water for your laboratory.

AQUA SOLUTIONS offers modular systems that allow you to select the appropriate configuration for your laboratory's particular needs; the system is easily upgradeable should your needs change in the future. Depending on your lab / facility requirements, you may opt for a single large system to cover all lab needs, or smaller systems tailored to the exact requirements of each particular lab.

These systems are easy to install, operate and maintain, without complex service requirements, like weekly chemical sanitization, that can complicate maintenance, while costing you money and down-time.

- · Type I, Type II & Type III Reagent Grade DI systems
- · Reverse Osmosis pre-treatment systems
- Combination Reverse Osmosis plus Type I, Type II or Type III DI systems in a single cabinet
- Water deionization, UV sterilization / oxidation, TOC reduction, removal of pyrogens and endotoxins by filtration, and hydrogen generator pre-treatment
- Systems can deliver from 0.35 to 40 L/min.
- Replacement cartridges and accessories are available for other brands of systems
- Recirculating PTFE remote dispensers with 7 feet of tubing and a 0.2 micron final filter capsule is included with all Type I systems (longer dispenser lengths are available)
- · Wide range of optional storage tanks

AQUA SOLUTIONS[®]

AQUA SOLUTIONS offers:

- · 2-year warranty on all systems
- · Complete installation packages for single or distributed outlets, customized to your needs

Contact us for a free consultation on your laboratory water needs.







Minux S700A Rotary Microtome

A Slice Above The Rest!

RWD's Minux S700A is a fully automated microtome with automatic, semi-automatic, and manual options that meet the different needs of microtomists. Four mechanized cutting modes produce high-quality sections across an extensive range of specimen types.

The unit features extraordinary ergonomic characteristics resulting in comfortable operation while maintaining reproducible precision.

Its unique side specimen knob and visual pointer design make specimen advance and retraction extremely precise.

A handwheel double lock system and knife ejector and guard enhance safety.





- Patented visual pointer orientation system provides accurate sample position and consistent angles
- Advanced technology allows high quality and precision sectioning
- Blade holder position is designed to provide high accuracy and improved slicing performance

Safe

- Handwheel designed with enhanced dual locking system
- Equipped with a knife ejector and guard so user can safely replace the sample and blade
- · Emergency stop button

Intelligent

- · Easy-to-use, stylish 5" touch screen interface
- Quickly problem solve with easy tracking information and historical record system
- · Improve efficiency with advance position memory function

Convenient

- · Ergonomically and comfortable knobs and controls
- Easy-to-clean, antistatic, removeable waste tray
- · Simple, efficient, effortless half-knife repair function
- Semi-Automatic or Fully-Automatic Models





C100 Automated Cell Counter



Clear imaging system



Intuitive result display



Report output function





Custom profiles



Technical Parameters					
Amplification Factor	2.5X, 5 mega-pixel				
Focus Method	Manual focusing & Autofocusing (less than 3s)				
Counting Area	2.15mm x 1.62mm				
Fluorescence Application	FL Cube-01 (DAPI), Ex:375/28nm; Em:460/SOnm FL Cube-02 (AO/GFP), Ex:480/30nm; Em:535/40nm FL Cube-03 (PI/RFP), Ex:540/25nm; Em:620/60nm				
Cell Type	Cell lines, stem cells, primary cells				
Cell Size Range	4-60 μm (Optimal: 7-60 μm)				
Cell Concentration Range	10 ⁴ -10 ⁷ cells/mL				
Cell Counting Time	Less than 9s				
Historical Data Storage	1000 counting reports and images at most				
Languages	Chinese and English				
Dimensions (W x D x H)	212mm*165mm*264mm				
Weight	~3.2kg				

RWD Life Science Co., Ltd

www.rwdstco.com



LabElite Product Line

Benchtop Devices for Automated Decapping and Barcode Reading



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DeCapper and I.D. Capper

Automated Screw Cap Decapping



The DeCapper and I.D. Capper are easy-to-use devices that provide automated decapping/capping of tubes in 24-, 48-, and 96-format tube racks, with internal or external threads. The I.D. Capper combines decapping/capping and high-speed 2D barcode reading in one device without any additional hardware.

DeCapper and I.D. Capper Technical Specifications								
Dimensions (I x w x h)	600 mm (23.6 in) x 380 mm (15.0 in) x 440 mm (17.3 in)							
Cumported Laburara	Microtubes	0.25 mL to 1.4 mL	FluidX, Greiner, LVL, Matrix, Micronic, and Nunc*					
Supported Labware	Cryovials		FluidX, Greiner, LVL, Micronic, and Nunc					
Connection Interface	Ethernet for integration							
I.D. Capper-only specifications below								
Supported 1D Barcodes	2/5 Industrial / Interleaved, Code 39, Code 128, Pharmacode, Codabar, EAN 13							
Supported 2D Barcodes	Datamatrix ECC 200, PDF417, QR Code							
Recommended PC	Windows 7 64-bit (Required), 2.8 GHz Core 2 Duo, 3GB RAM, 250GB HD, 16x DVD+/-RW							
Communication	One USB 2.0 port for the camera connection							
*Others available upon request.	**Contact Hamilton for specific tube compatibility.							

DeCapper SL

Automated Screw Cap Decapping



The DeCapper SL is the latest device in the LabElite product line, and offers automated decapping in a smaller footprint. The easy-to-use device provides automated decapping/capping of tubes in 24-, 48-, and 96-format tube racks, with internal or external threads.

The device easily fits where bench space is limited due to its 20% decrease in size compared to the standard LabElite DeCapper. This device can be operated as a standalone unit, or integrated with Hamilton Robotics liquid handlers or third-party robotic arms.

Dimensions (I x w x h)	533.5 mm (21.0 in) x 334 mm (13.1 in) x 452 mm (17.8 ir				
0	Microtubes	0.25 mL to 1.4 mL	FluidX, Greiner, LVL, Matrix, Micronic, and Nunc*		
Supported Labware	Cryovials	1 mL to 10 mL**	FluidX, Greiner, LVL, Micronic, and Nunc		
Connection Interface	Ethernet for integration				

Due to its smaller footprint and compact size, the DeCapper SL can be easily positioned next to liquid handling devices for access by on-deck grippers to move labware to and from the device. This maximizes space and leaves room for users to integrate other peripheral devices.



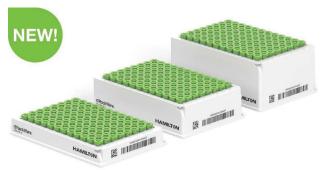


Micronic offers a complete line of sample storage tubes that fit in the 96-well, 48-well or 24-well ANSI/SLAS standard rack format. The comprehensive range includes tubes with volumes ranging from 0.30mL to 6.00mL. The tubes are available non-coded, alphanumeric coded or with a unique 2D Data-Matrix code.

	0.30mL TUBES EXTERNAL THREAD Working volume with Screw Cap (+21°C): 0.32mL (V-bottom) and 0.23ml (Vr-bottom).		1.10mL TUBES EXTERNAL THREAD Excellent closure and horizontal placement of the cap to ensure long-term sample preservation and storage. Working volume (+21°C): 0.93mL with Screw Cap.	the money of the state of the s	2.00mL TUBES EXTERNAL THREAD HYBRID Guarantee sample traceability and provide a high working volume (1.95mL at +21°C with a Screw Cap) with a relatively low tube height.
	0.40mL TUBES EXTERNAL THREAD Efficient storage of low volumes of liquid samples. This tube has a massive working volume of 0.40mL (+21°C) with Screw Cap.		1.40mL TUBES ROUND BOTTOM Proven to be an industry standard solution for many sample storage applications. Working volume (+21°C): 1.14mL with Push Cap.	didiid	3.00mL TUBES EXTERNAL THREAD HYBRID (48-WELL FORMAT) ANSI/SLAS format racks, standard cryo boxes, automated stores and liquid handlers. Working volume (+21°C): 2.90mL with Screw Cap.
	0.50mL TUBES INTERNAL THREAD Save between 35% - 50% of your freezer space. Working volume (+21°C): 0.21mL with Screw Cap.	9	1.40mL TUBES INTERNAL THREAD Provided with a code surface that cannot be separated from the tube. Working volume with Screw Cap (+21°C): 1.04mL (V-bottom) or 1.10mL (U-bottom).		3.50mL TISSUE TUBES EXTERNAL THREAD The tubes can also be used for secure transporta- tion. Working volume (+21°C): 3.35mL with Screw Cap.
111	0.75mL TUBES INTERNAL THREAD The 0.75mL tubes enable you to store your valuable samples in a safe and traceable way. Available in a push cap and screw cap version.	5 50	1.40mL TUBES EXTERNAL THREAD Cryogenic temperatures, the 1.40ml tubes with external thread have thick tube walls. Working volume (+21°C): 1.11mL with Screw Cap.	000 000 000 000 000 000	3.00mL TUBES EXTERNAL THREAD HYBRID (24-WELL FORMAT) Tube walls enable visual checking, while the 4 different coding concepts guarantee sample traceability. Working volume (+21°C): 2.45mL with Screw Cap.
	0.75mL TUBES EXTERNAL THREAD The 0.75mL tubes with external thread are provided with a triple start thread. Working volume (+21°C): 0.60mL with Screw Cap.	tuni ma	1.40mL TUBES EXTERNAL THREAD HYBRID The transparent tube walls enable easy visual checking, while the 4 coding concepts guarantee sample traceability. Working volume (+21°C): 1.20mL with Screw Cap.		4.00mL TUBES INTERNAL THREAD Ideal for storing or transporting larger volumes of liquid or solid biological samples. Working volume (+21°C): 2.70mL with Screw Cap.
numum.	0.75mL TUBES EXTERNAL THREAD HYBRID Automated and visual sample identification and guarantees the complete traceability of samples. Working volume (+21°C): 0.62mL with Screw Cap.	20000	1.50mL TUBES EXTERNAL THREAD HYBRID The tubes are ideal for storing fresh frozen tissue samples. Working volume (+21°C): 1.45mL with Screw Cap.		4.00mL TUBES EXTERNAL THREAD Ideal for solid or large volumes of liquid samples. Working volume (+21°C): 3.40ml with Screw Cap.
	0.80mL TUBES EXTERNAL THREAD The 0.80mL tube offers you the best volume to height ratio in a 96-well format with a working volume(+21°C) of 0.75mL with a Screw Cap.		2.00mL TUBES INTERNAL THREAD High sample storage capacity and absolute sample traceability in an industry standard 96-well configuration. Working volume (+21°C): 1.49mL with Screw Cap.		6.00mL TUBES INTERNAL THREAD Large working volume of 4.80mL (+21°C) with Screw Cap. These tubes are available non-coded or with an unique 2D Data Matrix code.
	1.00mL TISSUE TUBES EXTERNAL THREAD Specially designed for the storage of your valuable fresh frozen tissue. Working volume (+21°C): 0.85mL with Screw Cap.	331111111	2.00mL TUBES EXTERNAL THREAD High volume samples in a space-efficient 96-well format. Working volume (+21°C): 1.55mL with Screw Cap.	A CONTRACTOR OF THE PARTY OF TH	6.00mL TUBES EXTERNAL THREAD HYBRID Guarantee absolute sample traceability with 4 coding concepts and optimize working volume (6.00mL at +21°C with Screw Cap).
	1.10mL TUBES INTERNAL THREAD Micronic work equally well with either screw caps or push caps. Working volume (+21°C): 0.80mL with Screw Cap.		2.50mL TUBES ROUND BOTTOM Highest net working volume on 96-format: 2.50mL per individual tube (working volume at +21°C).	1	TUBESTRIP-8 & TUBES FOR LIGHT SENSITIVE SAMPLES Storing up to 8 samples in a linked row and has a working volume (+21°C) of 1.20mL. The amber storage tube uniquely safeguards light sensitive sample.

HAMILT®N° STORAGE

Re- Introducing Hamilton Storage Labware



Hamilton Storage line of tubes provides hassle-free operation and stability in your automated workflows increasing storage efficiency and saving your lab time and money.

- · Optimized for Hamilton automated workflows
- Compatible with standard-density and high-density Hamilton Storage Rack Ware®
- Integrates with third-party sample storage systems, liquid handling systems, and decapping devices



Hamilton Tubes

All tubes are capped, have a 2D bottom barcode, 0.3mL, 0.6mL, 1.0mL, internal thread and are available in sterile or non-sterile and in bulk or pre-racked options. 2.0mL tubes are also available in bulk with internal or external threads.

SAMPLE STORAGE AND HANDLING SOLUTIONS



Micronic – 1D and 2D Code Readers

A complete range of code readers to enable fast, accurate and efficient sample identification.

Single Tube Readers

- Read 1D rack barcodes, 1D barcoded tubes and 2D Data-Matrix coded tubes in less than a second
- · Handheld Wireless Scanner MINI is a portable lightweight device
- TS201 MINI features unique condensation-free scanner plate
- · Affordable pricing

Whole Rack Readers

- · Compatible with 384-, 96-, 48-, 24- or 12-well format racks
- · Scan time between 1 and 15 seconds (depending on model)
- · Scan and decode 2D Data-Matrix and TraXis code
- CCD image sensor for accurate reading (RD235)
- · Anti-frost system minimizes condensation from frozen samples on the scanner plate

Micronic readers come with a 5-year warranty and are compatible with most brands of 2D coded tubes and racks.

Micronic - Electric Cappers

Improve productivity and minimize repetitive motion issues.

Push Cap Cappers

- · Compatible with TPE Capmats, Capbands, Capclusters and EVA Capmats
- · Seal an entire rack of 96 tubes within 12 seconds
- · Controlled pressure system for even capping

Screw Cap Recappers

- · Each Screw Cap is tightened securely and uniformly
- CS500 Recapper caps a row of 8 tubes in 5 seconds and a whole rack of 96 tubes in only 1 minute
- · SR096, SR048 and SR024 systems cap an entire rack in 30 seconds

Micronic electric cappers come with a 3-year warranty.

They do not require adapters and can be integrated into automated systems and robotics.

It's here! Micronic Tube Wizard (Tube Configurator)





Tracxer Code Reader TS201 MINI



Handheld Wireless Scanner MINI



Tracxer RD235 CRYO



Univo CP480



Screw Cap Recapper CS500

Your Cell and Gene Therapy Update

CGT research is experiencing a major surge worldwide as this becomes a viable path for rare disease treatment. As the technology becomes more advanced, we are beginning to see real solutions being born out of this field! We want to make this more accessible to our Canadian researchers.

Keep an eye out for our e-Lynx Newsletter and updates on industry news, training opportunities, and the wide breadth of CGT products that we carry.

CGT Industry News

Animal Testing No Longer Required for FDA



Canada's Cell Culture Expansion



2023 - A New Wave of Cell Culture



To Learn More About Cell and Gene Therapy, Explore The Resources Below

EV Club



CCRM Educational Resources



We are Here to Support all of Your CGT Needs!

Our Products

Every month we will highlight the products that we carry in each facet of CGT research.

This month, in light of the announcement from the FDA, we will be showcasing our Pre-clinical Disease Models.

- Pre-clinical Disease Models
- · 3D CoSeedis and PeptiGel
- · Exosome Research
- · Gene Silencing and Knockdown Studies
- · Cellular Research
- · All Cell Culture Labware



April ... Cancer Awareness Month is Coming



Our next session is April 5th at 10:00am EST

Join our live, 15 minute discussion with Marco on 3D Cell Culture and enjoy a \$5 Tim Horton's Card on Us!



Wednesday, April 5th, 2023 - 10:00 - 10:15am EST

Bring your questions as there will be a live Q&A from 10:15 - 10:30am.



Marco Leu. PhD Chief Operating Officer

abc biopply ag, a Swiss CRO, provides services to clients to improve the predictive power of their preclinical models and accelerate their drug discovery efforts. Using their dedicated 3D CoSeedis™ in chip cell culture technology, abc biopply is reducing the translational gap between in vitro and in vivo studies through the use of a new level of differentiation and cross-cellular communication assays.

The company has pioneered a unique portfolio of 3D tissue imaging and analysis assays all based on the innovative flexibility of their 3D CoSeedis™ Co-Culture System, enabling the easy and reliable generation of quantitative datasets from tissues and cells.



Scan here to register or email: tech@biolynx.ca

We've Got Great Lectins for Your Cancer Research!

Changes in glycosylation patterns of specific proteins were one of the first biomarkers of cancer. They are still regularly used as a diagnostic tool and to asses the patient prognosis and response to treatment.



Order Any Two Vector or GlycoSeLect Lectins from MJS BioLynx and Receive 20% OFF!





April 2023 - June 30th, 2023

Promotion Code LECTINS0423

Lectins can be mixed & matched. Cannot be combined with other offers or discounts.

MJS BioLynx - Introducing "BioLynx Flex Dollars"

BioL/nx

FLEX DOLLARS

AMOUNT: \$500.00 (CAD)

SERIAL NO.: BIOFLEX-PMT123456 EXPIRY: March 31, 2025

CUSTOMER ID: AAA100 PURCHASER: John Doe

THIS IS NON-REFUNDABLE AND CANNOT BE EXCHANGED FOR CASH

BioLynx Flex Dollars are similar to pre-paid gift certificates that can be redeemed for payment of future orders.

Flex Dollars are available in \$500.00 increments and redeemable within 2 years of purchase.

MJS BioLynx Inc. is proud to represent the following companies in Canada ...

Cell & Molecular Biology

- Crystallography
- Immunohistochemistry
- Immunofluorescence
- Glycobiology
- Transfection & Electroporation
- 3D Cell Co-culture
- 3D Laboratory Services
- · Density Gradient Media
- Cell Culture Media
- Cell Migration Assays
- Exosome Purification
- PCR, qPCR & PCR Clean Up Reagents

a biopply applied biomedical concepts























Antibodies and Proteins

- Enzymes & Antibodies
- Nucleosomes & Histones (Epigenetics)
- Lipids and Fatty Acids
- Recombinant Proteins
- ELISAs
- Protein Expression Reagents
- Cytokines













Labware & Equipment

- Pipette Tips
- Semi Automated Pipettors
- Freezer Racks
- Tubes
- Histology Labware
- Sample Collection and Management
- Sample Storage
- Microwell Plates
- Water Purification Systems
- Benchtop Equipment
- Tube Labeling and Thawing
- qPCR































Microbiology

- Endotoxin Testing
- Glucan Products
- · Yeast Growth Media
- Microscope Slides, Stains and Accessories
- Sterilization Products









+ More

- Detergents
- Protein Purification & Assay Reagents
- Chromatography





