



Tube Labeling Systems

The XL LabelPro™ Automates Labeling of Tubes and Vials



Big Benefits

- Easily affix human readable labels to labware
- Eliminate the headaches associated with manual tube labeling
- Systems are sized for your lab's needs
- Easily upgrade your lab's XL Series Tube Handler
- Fast start-up and unattended operation
- All electric operation; no compressed air
- Small footprint with convenient design

All Models Include

- XL LabelPro™ with XL Series tube or vial handling instrument, size and model to meet your needs.
- Robotics to label, rarray and sort tubes
- BioMicroLab's label design, label project, and tube handling software



Compatible with Your Labware

XL LabelPro™ is compatible with ANSI/SLAS standard tubes from BioMicroLab and major manufacturers such as FluidX, Thermo Scientific, Matrix, Micronic, ABgene, Corning and more

- Plastic or glass tubes
- 4 mL, 8 mL glass vials
- 15 mL conical tubes
- Cryovials
- Vials up to 1" in diameter in standalone mode
- Additional tube size support available!

More Capabilities Can Be Added

XL Series Tube Handlers are also available with

- Volume Detection
- Liquid Handling
- Capping / Decapping
- 1D barcode readers / 2D barcode readers



Label Features

- Print 1D & 2D barcodes, logos, symbols and human readable text
- Print identical or unique labels
- 300 - 600 dpi thermal printer
- Labels designed for liquid nitrogen (-196°C) and freezer (-80°C) environments



XL LabelPro™ Tube Labeling Systems

Sizes and Configurations for Every Lab



COMPATIBLE LABWARE & LABELS				
plastic or glass 96-well microtubes	✓	✓	✓	✓
Cryovials, 15mL conical tubes, 4mL, 8mL glass vials	--	--	✓	✓
Typical Label Sizes	0.4" x 1.3" label typical for Matrix/Micronic 1.4 mL microtubes (1,200 labels/roll)		0.4" x 1.3" label typical for Matrix/Micronic 1.4 mL tubes 1" x 1" labels typical for Cryovials, 2mL vials (1,400 labels/roll)	
Print Human Readable Text and 1D & 2D Barcodes	✓	✓	✓	✓
RACK CAPACITY <i>By removing the XL LabelPro™ when not in use, 2 additional rack positions are available.</i>				
SLAS/ANSI Rack Capacity	up to 7 tube racks (672 microtubes)	up to 18 tube racks (1728 microtubes)	up to 18 tube racks (1728 microtubes; 864 tubes/vials)	up to 28 tube racks (2688 microtubes; 1344 tubes/vials)
SLAS/ANSI Rack Capacity with balance for volume detection	up to 5 tube racks (480 microtubes)	up to 16 tube racks (1536 microtubes)		

The XL LabelPro™ is also available as a standalone instrument and can label vials up to 1" (25mm) in diameter.

Labels & Printing Ribbon

- Labels designed for liquid nitrogen (-196°C) and freezer (-80°C) environments
- Thermal printer ribbon resin is rated super premium for DMSO and alcohol chemical resistance (T84/T85)
- Wide variety of label material including plastic/permanent acrylic (CryoLabel®)
- 1,200 – 2,000 labels per roll (*varies with label size*)

Purchase your labels in bulk and save!

Speed

- Label up to 180 vials per hour [20-25 sec / tube]
- Speeds vary with additional automation operations like volume detection, re-arranging, barcode decoding, etc.*

Software

Design and layout of labels is accomplished with BioMicroLab's label design software. Labeling functions are embedded in the XL Work List Manager Software which provides the ability to print the same data on all labels or merge variable data on each label. Project based workflow allows for easily reprinting and applying commonly run labels.



- User-friendly Windows-based software
- Design your label with text and/or barcodes
- Input worklist file controls all tube operations (.csv)
- Merge data from external sources (.csv or .xml)
- Easy to repeat previous labeling jobs
- Output file is user-definable (.csv)
- LIMS integration ready



BioMicroLab provides automation solutions for tube and vial handling, liquid handling, capping/decapping, labeling, volume detection, and 2D barcode readers for pharmaceutical, biotech, agricultural and research laboratories worldwide. We have a no-compromise commitment to equipping our customers with innovative and world-class sample management tools.

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