



Tube Labeling Systems

The XL LabelPro™ Automates Labeling of Tubes and Vials



XL20 with XL LabelPro™

All Models Include

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

More Capabilities Can Be Added

XL Series Tube Handlers are also available with

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

The labeling module can be removed when not in use.

Label Features

- Print 1D & 2D barcodes, logos, symbols and human readable text
- Print identical or unique labels
- 300 – 600 dpi thermal printer

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
- Labels designed for liquid nitrogen (-196°C) and freezer (-80°C) environments
- Fast start-up and unattended operation
- All electric operation; no compressed air
- Small footprint with convenient design

Compatible with Your Labware

- SBS standard tubes from major manufacturers such as Thermo Scientific, Matrix, Micronic, ABgene, Corning, FluidX and more
- Plastic or glass tubes
- 4mL, 8mL glass vials and Cryovials
- Vials up to 1" in diameter in standalone mode
- Additional tube size support available!



XL200 with XL LabelPro™

XL LabelPro™ Tube Labeling Systems

Sizes and
Configurations
for Every Lab



COMPATIBLE LABWARE & LABELS				
plastic or glass 96-well microtubes	✓	✓	✓	✓
Cryovials or 4mL glass vials	--	--	✓	✓
Typical Label Sizes	0.4" x 1.3" label typical for Matrix/Micronic 1.4mL microtubes (1,200 labels/roll)		0.4" x 1.3" label typical for Matrix/Micronic 1.4mL 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>				
SBS Rack Capacity	up to 7 tube racks (672 microtubes)	up to 18 tube racks (1728 microtubes)	up to 18 tube racks (1728 microtubes; 432 4mL tubes)	up to 28 tube racks (2688 microtubes; 672 4mL tubes)
SBS 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 [18-20 sec / tube]
- Speeds vary with additional automation operations like volume detection, re-arraying, 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
- 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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