



XL100 LabelPro™

Automated Labeling of Tubes & Vials



Automated Tube Labeling

The XL100 Tube Handler is equipped with the labeling module to automate tube labeling.

- Robotics label, rearrange and sort tubes and vials
- 18 rack capacity (20 racks when labeler is detached)
- BioMicroLab's Software is included for label design, label project, and tube handling operations
- Additional capabilities and accessories can be added to the base model, including:
 - Volume detection
 - 1D barcode readers / 2D barcode readers
 - DMSO hydration check
 - Liquid Handling
 - Capping/De-capping
 - Enclosures for operator safety, and more

Versatility for Your Laboratory

- The labeling module can be removed when not in use to free up 2 deck positions
- The labeler can run in Standalone Mode to label larger or various sized vials

The Most Consistent & Accurate Label Application in the Industry!
The label is applied consistently on every tube!



Benefits

- Easily affix human readable labels to labware
- Eliminate the headaches associated with manual tube labeling
- Fast start-up and unattended operation
- All electric operation; no compressed air
- Small footprint with convenient design



Label Features

- Print 1D & 2D barcodes, logos, symbols and human readable text
- Print identical or unique labels
- 300 - 600 dpi thermal printer
- Label size typically 0.4 x 1.3"
- Labels designed for liquid nitrogen (-196°C) and freezer (-80°C) environments

Compatible with Your Labware

- ANSI/SLAS 96-format microtubes from BioMicroLab and major manufacturers such as FluidX, Thermo Scientific, Matrix, Micronic, ABgene, Corning and more
- 4mL, 8mL glass vials, 15mL conical tubes & Cryovials
- Plastic or Glass tubes
- Vials up to 1" (25mm) diameter in standalone mode

Additional tube size support available!



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BioMicroLab

XL100 LabelPro™

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®)
- 1,000 – 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-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 (.csv)
- Merge data from external sources (.csv or .xml)
- Easy to repeat previous labeling jobs
- Output file is user-definable (.csv)
- LIMS integration ready

XL LabelPro™ Model Comparison

Sizes and Configurations for Every Lab



	For Microtubes		For Microtubes & Vials	
	XL9 LabelPro™	XL20 LabelPro™	XL100 LabelPro™	XL200 LabelPro™
COMPATIBLE LABWARE & LABELS				
Plastic or glass 96-well microtubes	✓	✓	✓	✓
Cryovials, 15mL conical tubes, 4mL, 8mL glass vials	--	--	✓ up to 100mm high	✓ up to 125mm high
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>				
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)
Rack Capacity with balance for volume detection	up to 5 tube racks (480 microtubes)	up to 16 tube racks (1536 microtubes)		