XL100 LabelPro automated labeling for tubes and vials

BioMicroLab

LabelPro

The XL100 tube handler with LabelPro automates tube labeling and can be used exclusively as a labeler, or integrated with other tasks in complex workflows involving liquid transfer and capping.

automated tube labeling

- Robotics label, re-array and sort microtubes
- Labels are aligned in precisely the same way for uniform rack presentation
- Label design software embedded within the tube handling software makes both designing labels and running labeling projects straight-forward.

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

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 on white or any color label
- Print identical or unique labels
- 300 – 600 dpi thermal printer
- Label size typically 0.4” x 1.3” or 0.6” x 1.3”
- Labels designed for liquid nitrogen (-196°C) and freezer (-80°C) environments

compatible with your labware

- The LabelPro is compatible with ANSI/SLAS format tubes and microtubes from 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

sptlabtech

XL100 LabelPro

labels and 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)

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

LabelPro™ Model Comparison

	for microtubes		for microtubes & vials	
	XL9 LabelPro™	XL20 LabelPro™	XL100 LabelPro™	XL200 LabelPro™
sizes and configurations for every lab				
compatible labware & labels				
plastic or glass 96 format microtubes			✓	
Cryovials, 15mL conical tubes, 4mL, 8mL glass vials	--	--	✓ up to 125mm high	
Typical Label Sizes	0.4" x 1.3" label typical for Matrix/Micronic 1.4mL microtubes		0.4" x 1.3" label typical for Matrix/Micronic 1.4mL tubes 1"x1" labels typical for Cryovials, 2mL vials	
Print Human Readable Text and 1D & 2D Barcodes				
rack capacity	**by removing the LabelPro™ when not in use, 2 additional rack positions are available.**			
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 LabelPro™ labels vials up to 1" (25mm) in diameter when not attached to a tube handler.