



**INSTRUCTIONAL EQUIPMENT REQUEST**

**Due in Dean/Unit Head's Office on October 15, 2010 (FALL) and February 11, 2011 (SPRING)**

The Definition of Instructional Equipment can be found in the California Community College's Budget and Accounting Manual. A copy of these definitions is on the PBC webpage at: <http://grapevine.laspositascollege.edu/pbc/InstructionalEquipment.php>

Name of Requestor:  Ext:

Division/Unit :

Brief title of request (equipment or materials being requested must be similar, related or part of a system):

**Request amount** (unit cost and total cost, including tax and shipping; please include all costs, such as installation, modification to existing facilities to accommodate new equipment, etc...; this information should come from the vendor quote):

Item (s) cost	\$3536.80
Tax (.0975)	\$344.83
Shipping	\$
Installation	\$
Facilities Modification	\$
Other	\$
Total Cost	\$3881.63

**Attach copy of quote(s), estimate(s) and requisition(s).**

(Must attach quote & requisition; absence of either will delay processing)

**Please provide a brief description of the specific equipment or materials requested, including the # of pieces being requested, and what they will be used for (e.g., 10 crayola crayons, sky blue, etc...) in 250 words or less:**

4 pieces; 1) LX900 label designer/printer: this unit will be used to design and print the labels that will be applied to the 1000's of wine bottles that the enology department students have created and will continue to create from fruit harvested by the Viticulture students the Campus Hill Vineyard; 2) label printer re-winder w/spool: this ancillary piece will re-wind the completed labels on a spool which will then be inserted into the bottle labeling machine. 3) extra printing ink cartridges 4) label paper

Is this in your Program Review? Yes  No

**Please describe how this request is incorporated into your Program Review:**

The label designer/printer is a critical component of an important Winery Operations practice. This dramatically assists with the focus of the VWT program which emphasizes the complete process of wine making "from vine to wine." This labeling design and printing practice is incorporated in the VWT Program Review which supports the education of our VWT students on the modern practices of winery operations as gained through hands-on experience. The acquisition of ACTUAL winery equipment to educate our students through experiential methods is a key component of the Program Review. The label designer/printer will be an incredibly important piece in the college's eventual on-campus Teaching Winery mentioned in the Program Review. The label designer/printer will be supported by the bottler and corker and that was acquired through the last round of IE requests.

Is it a replacement? Yes  Upgrade? Yes  New technology? Yes

**Please explain?**

We have no label printer. Up until this point the instructor has been using his home printer and ink to reproduce labels for bottles. The output of the enology department will soon surpass 2000 bottles which translates to 4000 labels. This would be extremely expensive and impossible to perform manually with any precision or efficiency.

Below is the evaluation criteria; please see corresponding Instructional Equipment Rubric at:  
[http://grapevine.laspositascollege.edu/pbc/documents/PBCInstructionalEquipmentRubric\\_2010-11.pdf](http://grapevine.laspositascollege.edu/pbc/documents/PBCInstructionalEquipmentRubric_2010-11.pdf)

**Teaching & Learning/Impact on Enrollment (Total = 10 points for A& B)**

**A. How will this item have a positive impact on instruction and/or teaching and learning in the classroom?  
Is this for use by the Instructor or students, or both?**

The label designer/printer will have a strong, positive impact on Viticulture and Enology instruction. It brings a very important "practical component" to both programs that will support instruction and learning in the classroom. As an instructional device in the classroom this piece of equipment will support many critical areas of learning found within Viticulture and Enology courses' content. Course outlines include the following content as evidence for the need of this equipment:

- \*Modern winery practices
- \*Quality Control
- \*Label design and printing
- \*Label Compliance
- \*Label application
- \*Equipment cleaning and upkeep
- \*Winery efficiency
- \*Bottle care
- \*Identifying winery equipment

The equipment would be used by the instructor and students (under supervision) in a minimum of 8 classes in the VWT program. This does not include student overlap from other classes that are interested in the process which would lead to potential increased enrollment. Increased enrollment would be a definite result due to the opportunity of "hands on" learning in line with industry requirements.

Added benefit:

Acquiring this piece of equipment will ease the current load and the future load of label design and printing for thousands of bottles of wine. Label design for our wine is an annual task and at this time the instructor has no classified position to rely on (and not one even foreseeable in the future) and relies solely on himself with the daunting task of printing labels for large numbers of bottles. The time and cost requirement for the CURRENT label printing practice is unrealistic. This equipment will allow for a more efficient, professional, and economic effort of label design and printing which in turn will allow for more quality instructional time for the students.

The designer/printer will showcase LPC's commitment to the local wine community by providing training to students in industry-standard equipment practices; and producing a future potential labor force that is trained to work in local wineries.

**B. How will the equipment impact enrollment, attract, or increase the number of students participating in a course or program?**

Having equipment that is utilized on a day to day basis in the wine industry will most certainly attract new students and increase enrollments. Instructing on topics such as label design and printing require the instructional equipment that is critical to the actual learning and practicing of these skills! Knowing that our program has this equipment will help reinforce our commitment to our student's learning and our commitment to the community and local industry.

**Outcomes (Total = 10 points)**

**How does this equipment enable or enhance SLOs? What are the consequences related to learning outcomes if request is not funded?**

The label designer/printer will have a strong, positive impact on Viticulture and Enology instruction. It brings a critical "practical component" to the Viticulture and Enology programs that will support teaching and learning in the classroom. As an instructional device in the classroom this piece of equipment will support many important areas of learning found within many of the VWT program courses' content. By not having this teaching and learning tool, it is impossible to teach the related skills in many of the Viticulture and Enology classes. In addition, not having this equipment, makes progress towards student learning outcomes impossible.

This equipment is needed immediately to support these classes and outcomes:

- VWT 10 Introduction to Viticulture: processing wines
- VWT 14 Applied Viticultural practices: processing wines
- VWT 31 Viticultural Operations I: processing wines
- VWT 32 Viticultural Operations II: processing wines
- VWT 20 Introduction to Enology: Bottling wines; wine labels; wine label compliance
- VWT 41 Winery Operations I: labeling bottles; identifying winery equipment; proper operation of winery equipment; wine label design; wine label compliance
- VWT 42 Winery Operations II: labeling wines; wine label compliance; proper operation of winery equipment;
- VWT 48 Winery Management: proper operation of winery equipment; labeling wines; care & maintenance of winery equipment;

**Total Cost of Ownership (Total = 5 points)**

*(This section attempts to identify what the ongoing costs of purchasing this equipment will be to the institution)*

- a) **What is the lifespan of the equipment? 5 years? 10 years? 20 years?**
- b) **Is there sufficient current/planned space available for the storage and use of this equipment? If so, where will it be housed? If not, is there a proposed location and are there any costs associated with installation or modifications to the space?**
- c) **Are there operating costs and how will they be covered by the department?**
- d) **What will be required to maintain the equipment, such as regular servicing or upkeep? Who will perform maintenance, and what will the estimated costs be?**

**LIFESPAN:** If maintained properly, the printer could last indefinitely

**SPACE:** there is already dedicated storage space for the printer

**OPERATING COST:** electricity for operation would be minimal; label paper will be purchased with the Viticulture and Winery Technology budget. Label paper must be purchased with or without the mechanization of labeling so this is an existing cost and not an additional cost.

**MAINTENANCE:** The equipment is covered for a year of operation; any other issues outside the warranty would be serviced by a company representative which would be supported by the existing Viticulture and Winery Technology budget.

**Health and Safety (Total = 2 points)**

**Explain if this equipment responds to a security or health and safety need for faculty and students:**

the printer (with its spooling capability) eliminates the current path of labeling which is a dangerous, archaic and amateur practice. It is the "only option" at this point due to lack of any equipment for actual modern Winery Operational practices. Having a functioning printer will also reduce waste and if not acquired, we will be forced to continue with the current practice of labeling. This puts the instructor and students at risk for injuries due to broken bottles that could be possible during hand labeling by students and staff.

**Visibility/Profile within Community (Total = 1 point)**

**Is this a "flagship" item that will bring recognition/notoriety to the College or raise the stature of the program? Will it attract students and/or enhance the image of the College in the community because of its rare, one-of-a-kind status?**

This item almost certainly will be a "flagship" item. Having the ability for students to design and print labels will bring the program up to the present day standards of Winery Operations. This will only add to the programs notoriety in the community as we produce "industry-ready" students. This equipment will enhance the college's commitment to its VWT students, the local wine industry and other colleges that share similar programs.

**Commitment to Sustainability (Total = 1 point)**

If the equipment exceeds basic sustainability goals or provides renewable resources to the College, provide specific details:

The printer will be very efficient at label design and printing thereby reducing paper and glass waste dramatically as experienced from past practices.

**Access (Total = 1 point)**

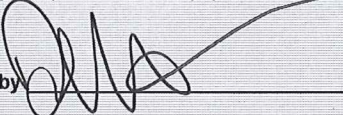

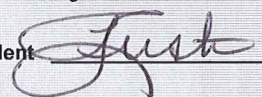
Provide evidence that the requested equipment is consistent with universal design\* and will ensure access above and beyond standard capability.

The printer can be easily and safely accessed by a student confined to a wheelchair.

*\*Universal design is an approach that addresses and redresses the primary barrier to making expert learners of all students. Some examples include: light switches with large flat panels rather than small toggle switches; buttons and other controls that can be distinguished by touch; bright and appropriate lighting, particularly task lighting; auditory output redundant with information on visual displays; visual output redundant with information in auditory output; contrast controls on visual output; use of meaningful icons with text labels; clear lines of sight to reduce dependence on sound; volume controls on auditory output; speed controls on auditory output; choice of language on speech output. Items incorporating the principles of universal design feature: equitable use; flexibility in use; simple and intuitive; perceptible information; tolerance for error; low physical effort; and size and space for approach and use. (Wikipedia)*

**Signatures (required)**

(If requesting computer-related equipment/software, LPC IT Department Review is **required**.)

Requested by  Dean/ Unit Head  Vice President   
LPC VP Admin. Svcs/President \_\_\_\_\_ LPC Business Office Use (Account Number) \_\_\_\_\_









**Fernqvist**  
LABELING SOLUTIONS

March 14, 2011

Las Positas College  
3033 Collier Canyon Road  
Livermore, CA 94551

Attention: David Everett

## Quote for the LX900 color printer and accessories

Pricing for the LX900 printer is \$2295.00

Rewinder is \$859.00

Labels 3x6 matt ink jet - quote attached

Cartridges - Cyan, Magenta, Yellow are \$22.95 each, Black is \$22.95

Thank you for giving us the opportunity to quote on the label printing system.

Please feel free to contact me if you have any questions.

Thank you,

Teresa Caputo  
Fernqvist Labeling Solutions  
408-234-4948 cell



# Fernqvist

LABELING SOLUTIONS

1245 Spacepark Way, Ste C  
Mountain View, CA 94043  
(800) 426-8215 local (650) 428-0330 fax (650) 428-1615  
www.fernqvist.com e-mail sales@fernqvist.com

Date Mon, Mar 14, 2011  
Estimate No. 19572  
Account No. 5934

**Customer**

David Everett  
Las Positas College

In response to your inquiry, we submit the following quotation:

**Application-** LX900 inkjet matte

**Product Size-** 3 X 6 Rectangle with 0.125 C. Radius

**Colors-** No Printing

**Materials-** Stock#337 4.7 MATT WHITE INK JET/LASER W/Permanent Adhesive

**Finishing-** Finished in Rolls of 500, 1 Across, on a 3" Core.  
NA, 6.3" OD

**Non-Recurring Preparation Charges-**

	Total	
<b>Quantity</b>	<b>5,000</b>	<b>10,000</b>
<b>Price Per M</b>	\$37.60	\$29.10
<b>Total</b>	\$188.00	\$291.00
<b>Grand Total</b>	\$188.00	\$291.00

Thank You,  
Carmen Morales  
Customer Service

Teresa Caputo  
Sales Representative

# LX900

COLOR LABEL PRINTER



PRIMERA

BRWERY

**PRIMERA**  
TECHNOLOGY, INC.

[www.primeralabel.com](http://www.primeralabel.com)

# LX900

COLOR LABEL PRINTER

## Print Full-Color Labels Fast and On-Demand!

LX900 is Primera's newest, fastest and most economical to operate color label printer. It utilizes the latest in high-resolution inkjet technology to print brilliant, colorful labels for your products, boxes and packaging. Individual ink cartridges for each color let you replace only the colors that need replacing. You'll save time and money on every job you print.

Printed labels can include photos, graphics, illustrations and text – even high-resolution linear or two-dimensional bar codes. Print labels when and where you need them in just the quantities you can actually use.

## Outstanding Print Quality

LX900 incorporates the most advanced inkjet technology ever offered in a desktop label printer. Called Primera Imaging Perfection™, this all-new printing technology delivers razor-sharp text, graphics and the most photo-realistic printing possible.

Color droplet size is just 4 pL and black is 5.5 pL – the smallest available on an industrial-grade color label printer. Print resolution is up to 4800 dpi versus just 1200 dpi on other printers.

## The Fastest Desktop Label Printer in the World!

With LX900, you'll produce full-color labels at up to 4.5" per second in draft mode. Short runs are printed fast and efficiently, helping you to increase the production of your products. You can even operate several LX900 printers from one PC as your production volumes grow. Whether you print just a few labels at a time or thousands, they'll be printed at speeds you probably never before thought was possible from a desktop label printer.

## Economical to Operate and Maintain

LX900 has individual inks for Cyan, Magenta, Yellow and Black. This means you only need to replace the ink cartridge that have been depleted instead of the entire cartridge, saving money on every label you print. You'll also be printing "greener" by not wasting ink if your designs use more of one color than another.

The print head is designed to be semi-permanent. If a replacement is ever needed, simply snap it in and out of the printer – no tools required.



## A Wide Variety of Substrates

LX900 prints onto many different inkjet-qualified label and tag materials, including Primera's exclusive TuffCoat Extreme™ white and clear polyester and white BOPP. Printed labels are highly water, scratch, smudge and tear-resistant. They've been specifically engineered for best-in-class performance with the inks used in Primera's LX-Series Color Label Printers.

Economical water-resistant paper labels are available in high-gloss, semi-gloss and matte finishes. Dozens of popular sizes are in-stock and ready for immediate shipment. Custom sizes are also available.



## Many Applications

LX900 produces gorgeous, professional-quality prime labels for all of your short-run, specialty products. But it is also perfect for a host of other uses, including:

- Proofing before going to press on longer runs
- Full-color box-end labels with all of the required bar codes
- Test marketing
- Contract manufacturing
- Private label goods
- Promotional labels

## The Best Industrial Label Printer

With its fast print speeds, incredible print quality and affordable acquisition and per-label costs, Primera's LX900 is simply the best desktop color label printer you can buy. Your products deserve labels that are so easy to produce, cost so little and look this great!

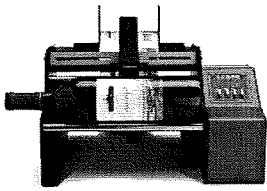
## LX900 is perfect for labeling all of these products and more:

- Baked goods
- Candles
- Candy and confectionary
- Cleaning supplies
- Chemicals
- Coffee and tea
- Cosmetics
- Desserts, pies and cakes
- Gifts and gift baskets
- Gourmet and specialty foods
- Honey
- Jams, jellies and preserves
- Juices and ciders
- Nuts
- Oils (essential and olive)
- Organic and natural foods
- Personal care products
- Pet foods
- Produce
- Sauces and salsas
- School stickers
- Soaps and shampoos
- Spices and herbs
- Syrups
- Vitamins, supplements and nutraceuticals
- Water bottles
- Wine, beer and spirits





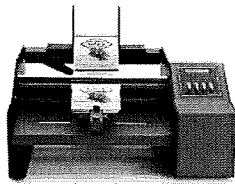
# Primera's Label Accessory Products



**AP362**  
LABEL APPLICATOR

## AP-Series Label Applicators

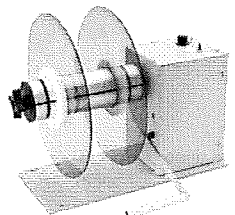
are the perfect semi-automatic labeling solution for cylindrical containers as well as many tapered containers including bottles, cans, jars and tubes.



**DX850**  
LABEL DISPENSER

## DX850 Label Dispenser

automatically peels and presents self-adhesive labels one at a time. It replaces manual label peeling, making your production line faster and more efficient.

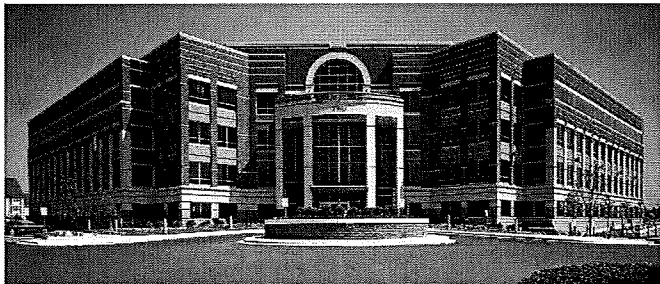


**RX-12**  
Label Rewinder

## RX-12 Label Rewinder

makes it easy to rewind large quantities of labels. It's perfect for use with virtually any thermal, thermal transfer and inkjet-based desktop label printer, including Primera's popular LX-Series Color label Printers.

## The Price/Performance Leader



**Primera Technology** is one of the world's leading manufacturers of specialty printers. We've built well over one million inkjet, thermal transfer and dot matrix printers throughout our history. You can be confident that your new Color Label Printer from Primera will give you years of reliable performance. Best of all, the LX900 delivers truly professional results at an affordable price!

## Technical Specifications

<b>Print Method:</b>	Thermal inkjet with Primera Imaging Perfection enhancements
<b>Print Resolutions:</b>	Up to 4800 dpi
<b>Print Speeds:</b>	Draft Mode: 4.5" per second Normal Mode: 1.8" per second High Quality Mode: 0.8" per second
<b>Print Head:</b>	Semi-permanent, user-replaceable
<b>Inks:</b>	Individual ink cartridges for Cyan, Magenta, Yellow and Black
<b>Colors:</b>	16.7 million
<b>Color Matching:</b>	Z-Color™ Color Matching Software
<b>Max. Print Width:</b>	8" (203mm)
<b>Media Width:</b>	8.127" (206mm)
<b>Media Types:</b>	Roll-fed pressure-sensitive labels and roll-fed tags
<b>Media Sensing:</b>	Moveable see-through sensor for die-cut labels; reflective sensor for labels and tags with black stripe; can use continuous and pre-printed labels and tags
<b>Supply Roll:</b>	6" (152mm) maximum diameter on 3" (76mm) core.
<b>Ink Level Warning:</b>	Calculates actual number of prints remaining based upon ink usage of graphics being printed (patent-pending)
<b>Indicator Lights:</b>	Power, Pause, Ink
<b>Controls:</b>	Pause, Feed, Unload
<b>Operating Systems:</b>	Windows XP®, Vista® and Windows 7 Mac OS X v10.5 or higher (Coming Soon)
<b>Data Interface:</b>	USB 2.0; External Control Port
<b>Label Design Software:</b>	NiceLabel™ SE Primera Edition included. Can also be used with most other popular label design and graphics software programs
<b>Electrical Rating:</b>	12VDC, 5.0A
<b>Power Requirements:</b>	100-240VAC, 50/60 Hz, 60 watts
<b>Certifications:</b>	UL, UL-C, CE, FCC Class B
<b>Weight:</b>	36.5 lbs. (16.6 kg)
<b>Dimensions:</b>	17.25"W x 9.1"H x 17.25"D (438mmW x 231mmH x 438mmD)

**PRIMERA**  
TECHNOLOGY, INC.

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