

INTRODUCING **THE QL-800** COLOR LABEL PRINTER



Introducing the new league in label printing

With its powerful digital engine, the QL-800 enables you to print your own color labels in short-run batches, saving you money and time compared to purchasing excessive quantities of pre-printed labels from a commercial label printing company. With your entrepreneurial marketing ideas, you enable the QL-800 to print beautiful, perfectly tailored product labels that will please and inform your customers and business partners.

QL-800 Quick Facts:

- **Fast print speed, up to 305 mm/s**
- **Excellent print quality up to 1600 dpi**
- **High-yield, vivid inks**
- **Complete with color labeling software**

The QL-800 is designed with all the power of a high-end digital printing press, but it's sold at just a fraction of the price and fits on your desk or tabletop. The QL-800 label printer is the fastest, most versatile in-house digital color label printer available. It combines printing of both narrow and wide labels with high speed, high-quality output. The QL-800 is the best tool for customizing your product labels in affordable small quantities.

When you start printing your own labels in your own office or factory using the QL-800, you'll move beyond excess inventory and production delays. You will move toward the flexibility and cost-savings of digitally printing the right label for the right customer in the right quantity, just-in-time. As a true digital printer, the QL-800 easily prints labels with any text, barcode, or graphics in affordable small batches, perfect for labeling multiple different products or labeling for different wholesale customers.

As a QuickLabel printer, it should be understood that the QL-800 makes great-looking labels that perform well even in challenging conditions. Your products will look appealing and professional, with bright, vivid inks that reproduce a wide gamut of colors. Available in large capacity, high-yield separate cyan, magenta, yellow, and black (CMYK) cartridges, the QL-800 inks are moisture-resistant and fade-resistant, especially when printed on QuickLabel's tested and qualified label materials.

Two Ways to Compute Label Value:

1) Calculate the price you paid your commercial label printing company for each individual label. The more labels you buy, the cheaper the price per label. Remember to add the cost of production delays caused by obsolete and incorrect labels.

2) Calculate the premium price you could charge for your products if they have a special, custom label. Multiply by the number of new customers you will earn with tailored, custom packaging. Add the quantity saved by having labels available whenever you want to ship products.



QL-800 Specifications

Label Printer:

- **Print Technology:** Thermal Inkjet
- **Print Resolution:** 1600 x 1600 dpi, 1600 x 800 dpi
- **Print Speed:** 6 ips at 1600 x 1600 dpi
12 ips at 1600 x 800 dpi
- **Media Sensing:** Gap, Reflective (bottom-only), Continuous; Non-adjustable/fixed sensors
- **Cutter Blade:** Approximately 100,000 cuts on paper liner
- **Printhead Life:** Approximately 250,000 linear inches. Printhead life varies with image content and duty cycle, and is reported by the QL-800 Maintenance Utility so the user can anticipate end of life. Printing of vertical lines will accelerate printhead wear.
- **Ventilation Filter:** Approximately 500,000 linear inches
- **Control Panel:** 5 buttons - Power, Pause, Feed, Back Feed, Cut 6 LED's - Power/Status, Error, Ink Out C/M/Y/K
- **Wait Time to Ready:** On -> Ready 60 seconds
- **Connectivity:** USB 2.0; 10/100 BaseT Ethernet, RJ-45 connection

Label Print Area:

- **Print Width:** 2.0" (51 mm) - 8.3" (211 mm)
- **Print Length:** 1.0" (25 mm) - 30.0" (762 mm)

Inks:

- **Ink Cartridge Capacity:** QuickLabel QL-800 CMYK dye cartridges, 250mL
- **Maintenance Cartridge:** Approximately 1 million linear inches or 850 mid-job servicing full replacement; Near full warning at approximately 80% full

Labels:

- **Label Width:** 2.125" (54 mm) - 8.425" (214 mm)
- **Label Length:** 1.125" (29 mm) - 30.125" (765 mm)
- **Label Material Type:** Gloss Paper, Matte Paper and Synthetic pressure-sensitive; Paper Tag Stock
- **Label Roll Size:** 8" OD (203 mm) QuickLabel® paper and synthetic labels on 3" ID (76.2 mm) core
- **Label Thickness:** 5.5 mil - 7.5 mil (0.140 mm - 0.191mm)

Software:

- **Labeling Software:** QuickLabel Phoenix® label creation and print management program suite
- **Windows® Driver:** Windows® 10/8/7/Vista/XP, Server 2008/2003, 64/32-bit driver

Barcodes:

All major barcodes supported, including 2D Datamatrix and QR Code

Environmental:

- **Printer Operating:** 41° F to 95° F (5° C to 35° C), 20% to 90% Relative Humidity (non-condensing). Printer should be installed on level surface with no more than 1° tilt in any axis. **No longer than 8 weeks powered off or in standby.**
- **Printer Non-Operating:** 23° F to 113° F (-5° C to 50° C), 5% to 95% Relative Humidity (non-condensing). **No longer than 2 weeks powered off or in standby.**
- **Ink Storage:** 32° F to 95° F (0° C to 35° C), 35% to 85% Relative Humidity (non-condensing)
- **Ink Warranty:** 24 months from date of production or 6 months after installation in printer
- **Atmospheric Pressure:** 1060hPa (795mmHg) - 700hPa (525mmHg)

Physical:

- **Power Requirements:** 100-240 VAC 50-60 Hz, 2.6A
- **Power Consumption:** Operating: 260W (max) Idle: 60W (max)
- **Dimensions:** 30.0" L x 20.0" W x 24.0" H (762 mm x 508 mm x 610 mm)
- **Weight:** No supplies: 64 lbs. (29.0 kg), with supplies: 70 lbs. (31.8 kg), packaged: 83 lbs. (37.6 kg)
- **Safety:** UL/CUL (60950-1), CCC, CSA, CE, CB certificate (EN60950-1/EN60950-1) EMC/EMI: FCC Part 15 Class A, CE, EN55022 Class A, EN55024, IEC61000-3-2 and IEC61000-3-3
- **Chemical Safety:** TSCA, OSHA, EU directive RoHS 2 (2011/65/EU), WEEE, REACH

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Talk to our QuickLabel Representative:

Let us know about your interest in printing your own labels. Every end use is different, and we hope to learn how we can satisfy your unique needs. Please contact Oliver Kreuzer at Okreuzer@astronovainc.com, +49(0) 6106-28368-21.

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