QuickLabel®
An AstroNova Division

Kiaro!® QL-120

Professional Tabletop Digital Label Printer

The **Kiaro!® QL-120** is the newest member of the Kiaro! color label printer family, featuring enhanced print speed, seamless integration into desktop or enterprise platforms and high-quality color labels that rival labels from a flexo press.

Simple to install and easy-to-use, the QL-120 delivers premium 1200 x 1200 dpi color labels, as narrow as 0.5" (12.7 mm) or as wide as 4.2" (106 mm), in a cost-effective and as-needed basis. With the ability to generate both extremely short and particularly long runs (up to 10,000 labels per hour) the QL-120 is built for exceptionally flexible production.

CQL PRO

Software included with printer purchase

User-Friendly

Field-Proven Design
- Quick setup
- Excellent web tracking to ensure perfect registration
- Easy access to media loading
- Intuitive user interface
- Built-in automatic cutter
- Roll-to-roll, roll-to-cut or z-fold capable

Network-friendly
- Simple network configuration and administration
- Shared printing support across multiple locations and workstations
- Remote access to printer status

Software
- CQL Pro advanced label design & print management software
- Color control available on a label field basis
- Easy-to-use software utility to monitor printer status

Flexible and Productive

Wide Range of Capabilities
- Print as narrow as 0.5" (12.7 mm) to 4.2" (106 mm) wide
- Precise and consistent full–bleed image placement onto die-cut labels
- Exclusive image processing and color matching accuracy to ICC color profiles
- Handles custom-shaped labels
- Windows driver compatible with all graphic design software

Full Integration into Production Environment
- Compact, tabletop design
- Advanced external control and integration with label applicators and production systems

Highly Productive
- Print up to 12 ips (305 mm/sec) at 1200 dpi print quality
- Readability as small as 4pt. font size
- Print and rewind for automatic label application
- Less production stops with high roll capacity at 8"(200 mm) OD standard, 12" (305 mm) optional

Cost-Effective

Just-in-Time Label Production
- Eliminate label waste and reduce preprinted label inventory
- Print multiple label designs or variable information on-the-fly
- Maintain compliance with label revision or regulatory changes
- Avoid label vendor delivery or production delays
- Flexibility to handle short, medium or long runs

Low Total Cost of Ownership
- Low energy consumption
- Automatic maintenance for optimal print quality
- Simple, user-changeable printhead
- Optimized ink usage
- Robust design for long lasting life

Kiaro! QL-120 Specifications

Operation:

Ink Type:	Dye ink, (4) individual CMYK cartridges
Print Resolution:	1200 x 1200 dpi
Print Speed:	12 ips (305 mm/sec) at 1200 x 600 dpi 8 ips (203 mm/sec) at 1200 x 1200 dpi/ 600 x 600 dpi
Print Area*:	Width: 0.5" (12.7 mm) - 4.2" max (106 mm) Length: 0.24" (6 mm) - 30" (762 mm)
Media Sensors:	Gap, Reflective (black mark), Continuous
Cutter	Automatic, guillotine-type, cut at end of batch or between labels, 1.0" (25.4 mm) minimum cut length Rated for 1.5 M cuts on 1.8 mil, 65 gsm glassine paper
Connectivity:	High-speed USB 2.0; gigabit ethernet RS-232 external control interface and protocol
Software:	Microsoft Windows® 10, 8.1, 8, 7; Windows Server® 2012, 2008, 64/32-bit drivers, CQL Pro advanced label creation and print management software (one free license included), Nicelabel® 2017 enterprise or desktop software (optional)

Environmental & Physical:

Printer Operating:	59° F to 86° F (15° C to 30° C), 10% to 90% Relative Humidity (non-condensing)
Power Requirements:	100 - 240 VAC 50/60Hz, 1.5A/0.5A
Power Consumption:	Operating: 233W printer, 268W printer with cut operation Idle, Powered On: 22W (max) Standby/Sleep Mode: 8.5W Powered Off: 0.4W (Erp/Lot6)
Dimensions:	15.2" L x 22.4" W x 15.5" H (386 mm x 564 mm x 394 mm)
Weight:	52.9 lbs. (24 kg) without supplies 56.1 lbs. (26 kg) with supplies 68.2 lbs. (31 kg) shipping
Optional Accessories:	RW-5.1 Automatic Label Roll Rewinder, 11.8" (300 mm) OD Roll UW-5.1 Automatic Label Roll Unwinder, 11.8" (300 mm) OD Roll External Control Interface

* Consult with our media sales specialist for label widths narrower than 0.75" (19mm)
** Construction = print width + edge trim

Supplies:

Ink Cartridges:	QuickLabel QL-120 CMYK dye cartridges, 240 mL (230 mL usable)
Maintenance Cartridge:	450 mL full replacement; 360 mL (80%) near full warning

Labels and Tags:

Construction:**	Width: 1.0" (25.4 mm) - 4.53" (115 mm) Length: 0.24" (6 mm) - 30" (762 mm)
Thickness:	5.7 mil (0.145 mm) – 10 mil (0.255 mm)
Roll Size:	7.9" OD (201 mm), 3" ID (76 mm) core 11.8" OD (300 mm) with optional UW-5.1 External Unwind
Types:	Gloss Paper, Matte Paper and Synthetic pressure-sensitive; Paper Tag Stock

Warranty:

One-Year Manufacturer's Parts & Labor Warranty on printer (excludes printhead and purge unit)

Service

Includes manufacturer-direct sales, warranty and service, unlimited telephone, web and e-mail technical support optional remote and on-site setup and training. Extended warranty, support and QuickSwap™ programs available.

VIVID DATA GROUP
(855) 848-4332
sales@vividdatallc.com
www.vividdatagroup.com