

IColor™ 400 Label Press System Specifications

Print Speed: Up to 914 meters/min (30 ft/min) *1

Print Technology: Digital 5 LED full-color electrophotographic printing method

Print Resolution: 1200 dpi

Media Format: Roll

Roll Outer Diameter: 8 in (203.2mm)

Core Inner Diameter: 3 in (76.2mm)

Media Width: Min 1 in (25.4mm), Max 5.1 in (130mm), including liner

Label Length per job: Min .041 in (1.27mm), Max 4.33 in (1320.8mm)

Print Width: Min 1 in (25.4mm), Max 4.95 in (125.7mm)

Media Type: Plain Paper, Film, Plain Paper Label, Glossy Paper Label, Synthetic Film Label *2

Media Thickness: Min .002 in (0.076mm), Max .009 in (0.250mm)

Roll Wind Direction: Face-out, Face-in *3

Media Detection: Black Mark (printed on the back of the liner), Gap, None *4

Media Sensor: Thru-Beam Type, Reflective Type

Auto Cutter: Full Cut

Recommended Daily Duty Cycle: Max 8,000 pages per day *5

Interfaces: USB USB 2.0 (High Speed), LAN 1000BASE-T/100BASE-TX/10BASE-T

Protocol: TCP/IP

Printer Language: Adobe PostScript 3, PCL 5c emulation, PCL 6 (XL) emulation

Font: Adobe PostScript 136 fonts, PCL emulation 81 scalable fonts, 4 bitmap fonts

Power Source: 120v or 230v

Power Consumption: Operating Max 1200W (Avg 710W), Idle Avg 27W, Power Save 25W or below

Operating Environment Operating: 10 - 30 °C, 20 - 70 %RH, Storage: -10 - 43 °C, 10 - 90 %RH, No condensation

Dimensions (WxDxH): 40.9 in x 18.77 in x 17.36 in (1040x477x441mm)

Weight (includes supplies): 137 lbs (62kg) (Printer with unwinder)

Weight (excludes supplies): 110lbs (50kg) (Printer with unwinder)

Supported OS: Windows® 10, 11

Safety & Environment: RoHS, Network Access License, cUL Mark, cULus Mark, UL Mark, CSA Mark, EMC-Directive, CE Mark, GS Mark

Note: Please refer to the website's IColor™ 400 label printer landing page for information, including additional details marked with an asterisk (*).

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I Label Ace



IColor™ 400

Unleash Brilliance: Transforming the Label Printing Industry
with White Toner Revolution

Meet the UNINET® IColor™ 400 Digital Label Press.

Unlock your label printing potential with the UNINET® IColor™ 400 LED **Toner-Based** Digital Label Press. This advanced printer offers cost-effective **roll-to-roll and roll-to-cut label printing**, enabling just-in-time production with **full-color and white printing, including white underprint, in a single pass.**

Boasting a 5.12" print width, its compact footprint fits seamlessly on any desktop, making it ideal for short to mid-run label production. Expand your services, enhance quality, and boost profitability with the versatile IColor™ 400 label press.

Revolutionizing Label & Packaging Printing for Evolving Industry Needs.

In today's fast-paced market, the UNINET® IColor™ 400 Digital Label Press is the ideal solution for shorter runs, quick turnarounds, and diverse branding needs. Its user-friendly design eliminates outsourcing and excess storage, adapting to artwork changes without waste. **Print personalized labels on demand, eliminate proofing delays,** exceed customer expectations, and easily unlock new revenue streams.

Superior Efficiency and Performance.

This robust machine can **print up to 2,000 labels in minutes** at speeds of up to 30 feet per minute (9.14 meters per minute, depending on label stock). The result is a finished roll ready to use immediately, drastically decreasing lead time. Experience unprecedented efficiency in your business with this powerful machine. It boasts a **monthly duty cycle of up to 160,000 pages**, making it suitable for longer runs. Transitioning to digital has never been simpler.

Increase Productivity and Cost-Effectiveness.

Eliminate the need for large, preprinted label orders, expensive plates, and setup fees. The UNINET® IColor™ 400 is ideal for both flexographic printers looking to grow into the short-run market and brand owners looking to make labels in-house. With this adaptable and economical label press, you can **increase your output and reduce your costs effectively.**

Innovative Cartridge Configuration System.

The IColor™ 400 Desktop Digital Label Press features a **unique 5-station cartridge configuration (CMYKW)**, expanding your in-house color printing capabilities from the ordinary to the extraordinary. Each cartridge integrates the toner and drum units into a single system, simplifying maintenance and operation.

This press allows for selective color disengagement, resulting in greater efficiency and cost savings. If your design includes white but you don't need to print it, you can simply deactivate the white cartridge without removing it from the printer—just flip a switch, and it won't be used for that run. This feature helps **save toner usage and reduce drum wear**, maximizing the longevity and efficiency of your consumables.

Adaptable Label Stock Options.

The IColor™ 400 Desktop Digital Label Press can print on a variety of label materials, including both standard and bespoke substrates. Examples of materials include **coated, uncoated, transparent, opaque, white, colored, glossy, matte, textured, and synthetic.**

Its low-fuser temperature technology delivers cheap production printing on numerous substrates, including **PET, vinyl, BOPP, foil, and dark/black label material.** This versatility allows you to add items and differentiate yourself, highlighting your package and branding and giving you a competitive edge.

Versatile Applications Across Multiple Industries.

Create stunning labels for a diverse range of products, including **specialty foods, beer and wine, coffee and tea, cosmetics, private labels, chemicals, and more!**

The IColor™ 400 can handle various media types thanks to its built-in auto-registration system. This system makes it easy to produce pre-die-cut, kiss-cut, or uncut labels, ensuring that labels remain perfectly aligned from start to finish to deliver consistent quality without constant supervision.



Simplified Drum and Chemical Label Printing.

The IColor™ 400 excels at **printing full-color GHS BS5609-compliant chemical and drum labels on demand** when using GHS-certified media. It produces labels with exceptional stability and resistance to water, chemicals, fading, and smudging, even under harsh conditions. Its advanced printing technology eliminates the need for preprinted labels and customizes each label with variable information—all in a single pass.

IColor™ 400 KEY Features.

- Unique system to **print die-cut labels** with an auto-registration system that keeps the label in position from the beginning to the end of a run.
- **Print in WHITE on dark or clear** label substrates.
- Speeds of up to 30 feet/min – Print one label or thousands!
- Print up to 2,000 labels in 20 minutes.
- Easy access service bays for cartridge and components replacement and servicing.
- The **lowest fusing temperature** on the market today.
- Unique ability to 'turn off' color with a simple switch flip on the toner cartridge itself.
- **All-in-one cartridge system** (toner and drum are one system).
- Smallest size footprint in its class, featuring an integrated label rewinder.
- **Cut on-the-fly technology** automatically cleanly cuts a finished edge to rolls.
- Enjoy vibrant, Durable, and Consistent Color throughout your label production.

Unlock Your Label Press's Full Potential with Upgrades and Optional Equipment.

Enhance your label production with the **UNINET® IColor™ 400 label press and the LF200 Digital Label Finishing System.** This dynamic combination performs laminating, die cutting, slitting, waste reduction, and final rewind, guaranteeing a seamless finish for short-run label production.



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ICOLOR™ 400