KONICA MINOLTA

AccurioLabel 231

READY TO ROLL

PROFITABLE LABELS MADE SIMPLE



Giving Shape to Ideas

PROFITABLE LABEL PRODUCTION STARTS WITH SIMPLICITY

ACCESSIBLE. EFFICIENT. READY TO GROW.

Built for Fast Adoption and Consistent Performance

The AccurioLabel 231 helps label converters, commercial printers, and brand owners produce high-quality labels efficiently and profitably. Combining intelligent automation, consistent print quality, and straightforward operation, it simplifies digital label production while helping businesses respond faster to changing customer demands, shorter run lengths, and increasing SKU variation.

Designed for short- and medium-run production, the AccurioLabel 231 integrates easily into existing label production environments, enabling businesses to add digital capacity without disrupting established workflows. Optional IQ-530 automation, reliable media handling, and proven toner technology help reduce manual intervention, improve production consistency, and keep operators focused on producing high-quality, sellable labels. Whether used as a primary production platform or alongside conventional processes, it provides a practical path to greater efficiency and profitable growth.

KEY BENEFITS

1 New & expanded revenue opportunities	2 Profitable short runs	3 Reduced setup time
4 Intelligent automation	5 Simple, intuitive operation	6 Consistent color & registration

CAPITALIZE ON A CHANGING MARKET

NEW DEMANDS ARE CREATING NEW OPPORTUNITIES

Helping businesses adapt with greater flexibility

Label production continues to evolve as brands introduce more products, more versions, and more frequent design changes. Shorter run lengths, faster turnaround expectations, and increasing SKU counts are driving demand for production methods that can respond quickly and efficiently to changing market requirements.

As customer expectations continue to evolve, businesses need production solutions that can efficiently manage increasing product variation, regional campaigns, and rapidly changing market demands. The AccurioLabel 231 helps organizations respond with the agility required to support faster updates, greater customization and on-demand label production while maintaining the quality and consistency customers expect.



LET AUTOMATION DO THE WORK

INTELLIGENT QUALITY CONTROL WITH LESS OPERATOR INTERVENTION

Consistent quality without constant oversight

The optional IQ-530 Intelligent Quality Optimizer helps automate critical quality control tasks that traditionally require ongoing operator attention. By automatically monitoring and adjusting color stability, registration accuracy and density throughout the production run, IQ-530 helps reduce manual intervention while maintaining consistent output quality from the first label to the last.

For production teams, that means less time making adjustments and more time focused on producing sellable labels. Automated calibration, real-time color control and automated registration correction help support longer uninterrupted runs, reduce waste, and simplify day-to-day operation. The result is a more productive and predictable label production environment where operators can confidently let the technology do the work.



HIGH-DEFINITION QUALITY AT PRODUCTION SPEEDS

BRAND-ACCURATE RESULTS FROM ROLL TO ROLL

Delivering the quality today's labels demand

Producing high-quality labels requires more than resolution alone. The AccurioLabel 231 combines high-definition imaging, precise registration, and advanced quality technologies to help deliver sharp text, fine details, and vibrant graphics across a wide range of label applications. From product identification and compliance information to premium branding elements, every label benefits from the accuracy and consistency required in today's competitive marketplace.

With print speeds of up to 23.4m (77ft) per minute, the AccurioLabel 231 helps businesses maintain productivity without compromising output quality. Consistent color reproduction, improved registration accuracy, and reliable performance across supported substrates help ensure repeatable results from the first label to the last, giving operators confidence in every job and every roll.

Advantages:

- 1,200 x 2,400 dpi resolution for sharp text and fine detail
- Improved registration accuracy at production speeds
- Enhanced image quality on textured media
- Consistent output from the first label to the last
- Reliable performance across a broad range of applications



INDUSTRIAL-GRADE TECHNOLOGY FOR RELIABLE PERFORMANCE

POWERFUL FEATURES, INTUITIVE OPERATION

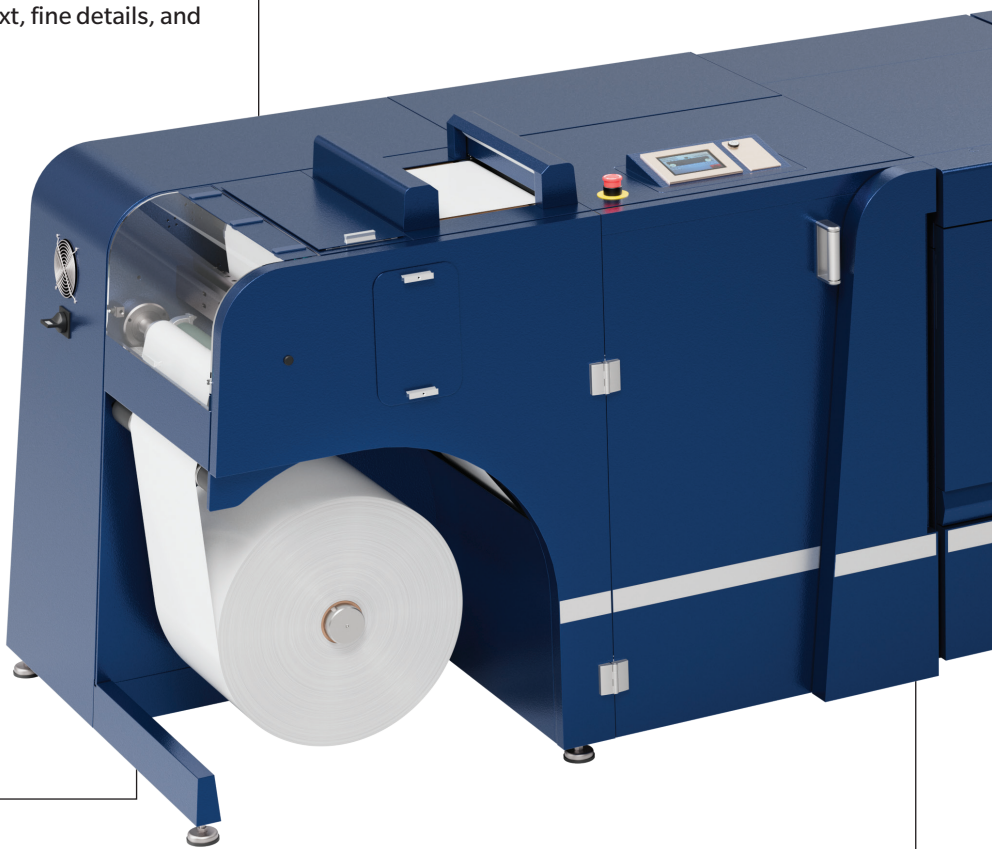
Advanced technologies work together to deliver reliable performance, consistent quality, and intuitive operation, helping businesses produce more labels with less operator attention.

HIGH-RESOLUTION IMAGING

1,200 dpi main scan and 2,400 dpi sub-scan resolution supports sharp text, fine details, and premium label quality.

CMYK DRY TONER ENGINE

Proven toner technology delivers reliable output and broad label media compatibility.



LONG-RUN STABILITY

Designed to support productive print runs with fewer interruptions and greater consistency.

IQ-530 INTELLIGENT QUALITY OPTIMIZER

Optional real-time color and registration control helps maintain consistent quality while reducing manual adjustments.

EASY OPERATION

Intuitive controls help operators become productive quickly with minimal label-printing experience.



WINDER OPTIONS

Available web cleaning, air compressor, and inline slitting options support production flexibility.

INTEGRATED WEB CONTROL

Accurate media handling supports consistent registration throughout the production process.

NEW IC-615 CONTROLLER

Enhanced RIP performance helps process complex artwork and variable data more efficiently.

TAKE THE COMPLEXITY OUT OF PREPRESS

ACCURIOPRO FLUX WITH LABEL IMPOSE

Spend less time preparing jobs

AccurioPro Flux with Label Impose helps streamline and automate key prepress tasks, reducing the time, effort and waste associated with preparing digital label jobs for production. Step-and-repeat layouts, gang-up printing, variable data, eye marks, and die-line output can all be managed within a single workflow environment, helping operators move efficiently from artwork to press-ready files.

By minimizing manual touchpoints and simplifying job preparation, AccurioPro Flux helps reduce setup time, avoid costly errors, and support faster turnaround times. Combined with the AccurioLabel 231's instant-on production environment, operators can spend less time preparing, adjusting, and reworking jobs and more time producing sellable labels.

Advantages:

- Reduce setup time and prepress complexity
- Minimize waste before production begins
- Automate repetitive prepress tasks
- Move efficiently from artwork to production
- Support faster turnaround times
- Support personalized labels, barcodes, and variable-data applications
- Produce more labels with fewer manual touchpoints



VERSATILITY FOR MORE LABEL APPLICATIONS

BROAD SUBSTRATE SUPPORT FOR CHANGING CUSTOMER DEMANDS

Supporting a wide range of label applications

The AccurioLabel 231 combines broad substrate compatibility with the flexibility required for today's evolving label market. Support for commonly used label substrates helps simplify production while allowing businesses to efficiently produce everything from everyday product labels to premium applications, across a wide range of industries.

From food and beverage labels to health and beauty, household products, industrial applications, and promotional campaigns, the AccurioLabel 231 helps businesses respond quickly to changing customer requirements. Media flexibility, dependable performance, and efficient digital production make it easier to expand application offerings without adding unnecessary complexity.



FOOD & BEVERAGE

- Product labels
- Specialty foods
- Nutritional products
- Beverage labels



WINE, SPIRITS & CRAFT BEVERAGE

- Wine labels
- Spirits labels
- Craft beer labels
- Seasonal releases



HEALTH & BEAUTY

- Cosmetics
- Personal care products
- Nutraceuticals
- Wellness products



HOUSEHOLD & INDUSTRIAL

- Household products
- Industrial labels
- Compliance labels
- Manufacturing applications



VERSIONING & PROMOTIONAL LABELS

- Regional versions
- Limited editions
- Seasonal campaigns
- Personalized labels

THE POWER OF AN INTEGRATED WORKFLOW

AN END-TO-END PRODUCTION ECOSYSTEM THAT SUPPORTS GROWTH

Bringing workflow and production together

The AccurioLabel 231, AccurioPro Flux with Label Impose, and the optional IQ-530 Intelligent Quality Optimizer work together to create an integrated digital label production environment. From job preparation and imposition through print production and quality control, each component is designed to streamline workflows, reduce manual touchpoints, and help keep work moving efficiently from artwork to finished labels.

By connecting workflow automation, intelligent quality control, and dependable print production, businesses can simplify day-to-day operation while supporting future growth. The result is a more efficient path from file to finished roll that helps reduce waste, shorten turnaround times, and create opportunities to profitably expand label production and application offerings.

Outcomes for your business:

- Simplify production through an integrated workflow
- Reduce manual touchpoints across the production process
- Minimize makeready time and production waste
- Connect job preparation, printing, and quality control
- Support faster turnaround times and greater responsiveness
- Expand label applications and revenue opportunities without adding complexity



BUILT FOR YOUR BUSINESS
HELPING YOU GROW WITHOUT ADDING COMPLEXITY

Expand Opportunities with Digital Label Production

Whether entering the label market, complementing existing production capabilities, or bringing label production closer to demand, the AccurioLabel 231 is designed to help businesses respond to changing market requirements with confidence. By combining intuitive operation, intelligent automation, and dependable performance, it helps organizations expand application offerings while simplifying day-to-day production.

The ability to efficiently produce short runs, versioned labels, samples, and repeat orders creates new opportunities for growth while reducing the complexity often associated with traditional label production processes. Whether digital serves as a primary production platform or supplements conventional workflows, the AccurioLabel 231 helps businesses produce more labels with fewer manual touchpoints.

Label Converters

- Profitably produce short-run and versioned label work
- Keep conventional presses focused on longer, higher-volume jobs
- Reduce setup waste and improve production flexibility
- Respond quickly to customer requests and repeat orders
- Expand digital label capabilities without adding unnecessary complexity

Commercial Printers

- Enter the growing digital label market with confidence
- Expand application offerings and revenue opportunities
- Leverage existing digital print knowledge and resources
- Produce short-run labels, prototypes, and on-demand jobs efficiently
- Add label production without adding operational complexity

Brand Owners & In-Plants

- Accelerate product launches and packaging updates
- Produce samples, prototypes, and regional versions on demand
- Reduce inventory requirements and ordering delays
- Improve responsiveness to changing business needs
- Gain greater control over label production and turnaround times

DRIVING SUSTAINABLE GROWTH

Produce More with Less Waste

Digital and on-demand printing help reduce waste by producing only what is needed, when it is needed. Combined with intelligent automation and streamlined workflows, efficient production processes help minimize reprints, improve resource utilization, and support sustainability initiatives throughout the print environment.

Konica Minolta is committed to helping organizations improve operational efficiency while reducing environmental impact, enabling print providers to support their customers' sustainability goals and strengthen their own environmental credentials.

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TECHNICAL SPECIFICATIONS

READY FOR PRACTICAL DIGITAL LABEL PRODUCTION

SYSTEM SPECIFICATIONS

Technology	Dry toner electrophotography
Color	CMYK
Print resolution	Main scan: 1,200 dpi; sub scan: 2,400 dpi
Maximum printing speed	23.4 m/min
Speed settings	23.4, 18.9, 13.5 and 9.45 m/min depending on media
Color control	IQ-530 Intelligent Quality Optimizer – optional
IQ-530 functions	Real-time color stability control; real-time color registration control; automatic calibration; automatic density adjustment
Maximum print length per job	Up to 1,600 linear meters with IQ-530
Color stability with IQ-530	Delta E00 <= 3 up to 1,600 m with real-time correction enabled
Controller	Konica Minolta IC-615
Paper widths	250 to 330 mm, configuration dependent
Maximum printed image width	325 mm
Maximum printed image length	1,294 mm
Supported substrates	Paper, PP and PET; tack media and selected label substrates; textured paper suitability improved
Media weight / thickness	81 to 256 gsm, depending on media type
Web control	Integrated BST web guide system on unwinder and rewinder
Winder roll diameter	620 mm
Finishing compatibility	Inline connectivity available with selected finishing devices and customization.
Durability / life cycle	2,500 km
Dimensions and weight	without IQ-530 (W x D x H): 3,897 x 1,141 x 1,483 mm. Weight: approx. 1,000 kg with IQ-530 (W x D x H): 4,582 x 1,141 x 1,483 mm. Weight: approx. 1,170 kg
Software	AccurioPro Flux with Label Impose AccurioPro Color Manager

For complete information on Konica Minolta products and solutions, please visit: **CountOnKonicaMinolta.com**

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