



Large-Format Carton Coding Solution

7SA Printhead with Recirculating Ink System



Nozzle-Level Ink Recirculation

Integrated "true recirculation" system effectively prevents nozzle clogging caused by air bubbles or ink sedimentation, ensuring long-term stable operation.



108mm Print Height

Single printhead covers large-format content, easily meeting coding demands for various carton and corrugated packaging sizes.



Maximum 30mm Throw Distance

Adapts to complex production lines and harsh environments, enhancing reliability even in high-dust conditions.



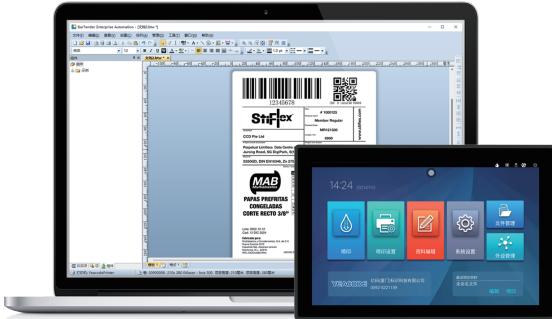
360 dpi Resolution with 7-Level Grayscale Control

Delivers high-definition images and text with rich detail, meeting stringent requirements for logos, QR codes, and barcodes.



Replacing Traditional Labels

To meet the demand for replacing labeling processes, Windows print drivers can support the connection of various labeling software, allowing customers to directly use devices to replace their original labeling equipment.



Kraft-paper box & Laminated carton

Customers can select different inks according to different substrates. For porous substrates, they can select oil-based ink, and for non-porous substrates, they can select UV ink with UV lamp.



Cost saving

Overall cost is much lower than label, and in the meantime, it can edit, change template and provide better flexibility during printing.



Easy Integration

Provides a variety of SDK software interfaces to integrate with factories' systems. We also provide various customization services to meet the special needs of different customers.



Large size high resolution printing

In the inkjet marking industry, carton coding applications often require high-volume printing of text and tabular content. Offers print-heads in various sizes to meet diverse needs, with individual print-heads reaching up to 108mm in size. Equipped with a maximum resolution of 360 dpi, these systems can effectively handle various marking requirements including logos, icons, tables, traceability QR codes, and product barcodes, ensuring crisp and precise printing output.



Specifications

Model	7SA
Print Technology	Piezoelectric printhead
Print Engine	SEIKO RC1536
Printing speed	Up to 118m/min
Best throw distance	Up to 3cm
Print Resolution	360DPI
Printing height	108.3mm
Ink supply system	Recirculating Ink Supply System
Print Orientation	Downward, Sideward
Compatible inks	UV inks, Oil-based inks