ELIXIR
INDUSTRIAL EQUIPMENT INCORPORATED



7SA Printhead

7SA printhead using ink recirculating technology to ensure the ink continuously recirculating in the ink path and print nozzels. The missing nozzles caused by air bubbles or impurities can be recovered automatically. The ink recirculation can ensure the printhead in optimal condition and offer a non-stop high-quality printing with low and easy maintenance.

7SA printhead has supreme printing performance and compatible with wide range of inks. It can support up to 108mm printing height with 360 DPI. Benefited by the ink recirculating technology, 7SA printhead can work at maximum 3cm throw distance, which is suitable for various complicated industrial environments.

DPI	MAX		
360 DPI LEVEL 7 Grey levels	Maximum throw distance 3cm	Large size message printing height 108mm	Ink recirculating



- 7SA -



Recirculating Ink Supply System

Inks run continuously in the internal loop to prevent nozzle clogging and ensure the ink flows smoothly, minimizing the manual maintenance.



Large Print Size

The printing height can reach 108mm maximum of a single printhead, and the maximum resolution can be 360 DPI.



Continuous Printing

Thanks to ink recirculate technology, 7SA printhead can work stably and efficiently over a long period of time, minimizing the risk of unplanned down-time.



Maximum 3cm throw distance

The maximum throw distance is up to 3cm, which is more suitable for various complex industries environ-

Specifications

Model	7SA
Print Technology	Recirculating Piezoelectric Printhead
Print Engine	SEIKO RC1536
Printing speed	Up to 118m/min
Best throw distance	Up to 30mm
Print Resolution	360DPI
Printing height	108.3mm
Ink supply system	Recirculating Ink Supply System
Print Orientation	Downward, Sideward, Upward, Horizontal etc.
Compatible inks	UV inks, Oil-based inks
Operating Environment	15°C-40°C
Storage Environment	5°C-45°C
Hardware Dimension	190*290*65mm
Certifications	CE、FCC

Tips: The maximum throw distance is obtained from laboratory tests; in practical applications, it is also related to the printed content, ink used, production line speed, and installation method.

For more information, please contact:

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