



KV55

INDUSTRIAL CIJ PRINTERS



Smart marking and coding

The KV55 continuous inkjet printer features a modular design (print module, ink core, valve block, etc.) suitable for efficient micro-character printing, which is widely used in the food, chemical, pharmaceutical and many other industries. Its excellent print quality and ink system stability allow it to operate smoothly in uninterrupted production environments with high workloads.

Dynamic phase adjustment system

Closed-loop control during the inkjet process, improving ink system stability.

Reduced consumables usage:

Innovative low solvent consumption system by optimizing the ink system, reducing consumables evaporation and saving on industrial application costs. Forget about maintenance problems every 6000 hours.

Adaptation in any environment (Wide environmental adaptability)

The robust housing design ensures comprehensive protection of the equipment, operating reliably in dusty environments and in environments with high humidity or water vapor.

Precise timing control

Equipped with a state-of-the-art microprocessor, the equipment implements a timing control system that ensures high precision in ink droplet generation and electrical charge, achieving high stability and efficiency in the printing process.

Optimize user experience

Large color touch screen with simple and intuitive interface and print message preview function. Improves equipment operating efficiency and reduces inkjet errors.

Enhanced sealing design

Integral sealing technology of the electronic boards, ensuring total waterproof and dustproof isolation and enabling the equipment to operate stably in harsh production environments.

Environmentally friendly

Supports environmentally friendly inks and solvents, reducing the impact on nature. Complies with all ecological production regulations, helping companies to achieve sustainable development.

THE ONLY MANUFACTURER TO OFFER

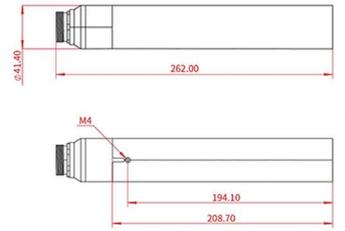
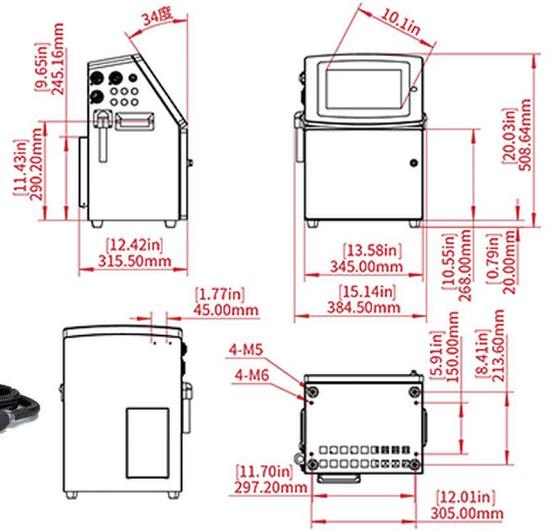


TECHNICAL SPECIFICATIONS PRINTER CIJ

KV55

Printing features

Printhead duct	3m
Nozzle specifications	60u
Printing distance	2-16mm
Printing height	3-30mm
Printing lines	1-5 lines
Max. printing speed	390m/min (5 dots in 1 line, 0.5 dot spacing)
Counter	Up to 24 counters
Ink type	High adhesion, high temperature resistance, food grade, oil resistance, dye ink
Printing materials	Carton, plastic, cable, metal, boarding, pipe, stone, glass, electronic components, auto parts, industrial chemical packaging, medical/ food /gift box Text, time, date, logo, shift, SN, dynamic barcode/ QR code, dynamic serial data, dynamic database (additional content can be added as required)
Print content	Barcode types: CODE11, C25INTER, CODE39, EXCODE39, EAN13, EAN13X, CODE128, CODE16K, CODE49, CODE93, Flattermarken, UPCA, UPCE, EAN14, VIN, NVE18, ITF-14 QR code types: QRcode, DataMatrix, MicroQRcode, PDF417, PDF- 417TRUNC, MICROPDF417 (More types available on request)



Machine Parameters

Operation system	Embedded Linux security OS
Display screen	10.1-inch capacitive touch display, resolution: 1280x800
External interface	Photocell, encoder, alarm light, information control
Protection level	IP65
Power supply	Input 100-240V AC
Housing material	SUS 304 stainless steel
Rated power	100W
Memory	256Mb
Certificates	CE, ROHS
Working environment	Temperature 0~45°C/Humidity 30~70%Rh
New weight	18kg
Dimensions	Housing dimensions: 384.50mm x 315.50mm x 508.64mm Printhead dimensions: Ø41.40mm x 262.00mm
Communication interface	USB, RS232, network port, connected to enterprise MES management system (various external device protocols can be added)
Languages	Support more than 40 languages (Chinese, English, Arabic, Danish, German, Russian, French, Finnish, Korean, Japanese, Spanish, Italian, etc)



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Printers for marking and industrial coding.

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