

INKJET PRINTER-KM800

Linux Embedded Design for Intelligent Production Lines



PRODUCT DESCRIPTION

The KM800 series features a reliable Linux embedded design for continuous operation in production environments, helping minimize losses from production line downtime. It incorporates a new-generation information editor with manual drag-and-drop editing for enhanced usability. This printer supports up to 5 lines of printing at speeds reaching 7.5m/s.

Utilizing continuous inkjet technology, it delivers high-quality printing for industries including food, beverage, pharmaceuticals, cosmetics, and electronics. Paired with a high-resolution color touchscreen featuring icons, data access is simplified and streamlined. Quick editing is possible when switching batches or products, eliminating the need for re-entry or navigating multiple screens.

The printer enables one-click USB backup and restoration of global data, along with power-off memory retention. Compared to the 700 series, it adds communication interfaces for remote monitoring and control via cloud services.

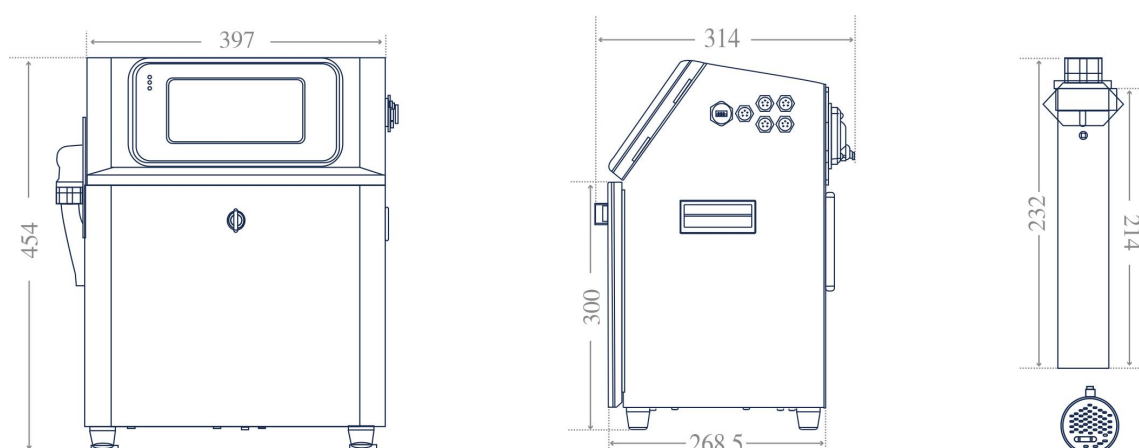
PRODUCT ADVANTAGE

- Modular ink path design requires zero maintenance, enabling effortless replacement of ink cores, cartridges, and additives;
- Features automatic viscosity correction to calibrate ink concentrations above or below specifications to target values;
- IP65 protection rating with stainless steel housing, separating ink pathways from electrical controls;
- 7-inch HD touchscreen supports online editing, with built-in help pages and installation videos.

PRODUCT PARAMETERS

Printing direction	360°all-round
Printing performance	1-4 lines ~ (7*5 dot matrix) 1-5 lines ~ (5*5 dot matrix)
Array configuration	5*5、19*7、16*11、24*17、7*5、12*9、19*14、32*22
Printing distance	2-30 mm (10 mm is optimal)
Character height	1~12mm
Printing speed	Maximum speed 7.5 m/s (5 x 5 dot matrix)
Nozzle throat	Super soft, length 3m
Built-in system	Linux
Touchscreen size	7-inch high-definition display
Printable characters	1D, 2D barcodes, icons, Chinese, English and numbers
User interface	Chinese/English
Data interface	USB, RS485, Ethernet (Network Edition only)
Electrical requirements	AC100~240V 50/60Hz 60VA
Total power output	80W
Protection class	IP65
Shell	All 304 stainless steel + precision coating
Ambient temperature	0~45°C
Humidity range	Relative humidity 0~95%, non-condensing
Weight	18kg
External Dimensions	397*314*454mm
Nozzle	60μm gemstone nozzle (constant temperature spray head)
Ink/solvent	High-performance ink 500ml, high-performance solvent 750ml

PRODUCT SIZE





Tel: +86 400-1818-727 Email: service@kec-mark.com

Address: No. 288, Huajiadai, Fuchun Street, Fuyang District, Hangzhou, Zhejiang, China

<https://kecasia.com>

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