

KGK JET

KGK CIJ series, New Entry model, CCS1000
Improved expandability by Terminal block configuration.
Same stability & reliability of KGK quality

<http://www.kishugiken.co.jp/>

Affordable pricing as entry model

By limiting the types of ink that can be used, we have reduced the number of parts, making this a more affordable entry model.

Compatible inks:

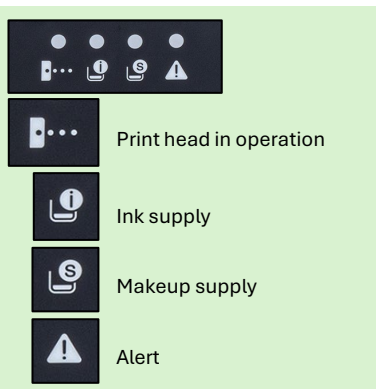
CN1 BLACK, CN5 BLACK-A1, CN101 BLACK, CN103 BLACK, CN104H BLACK, CN300 BLACK, CN301 BLACK, CN303 BLACK, CN306A BLACK, CN307A BLACK, CN309 BLACK, CN326 BLACK, CN350 BLACK, CN365 BLACK, CN369 BLACK, CN505 BLACK

Terminal block is used for versatility

The connectors used in the previous CCS series have been eliminated, making it easier to connect to external devices.

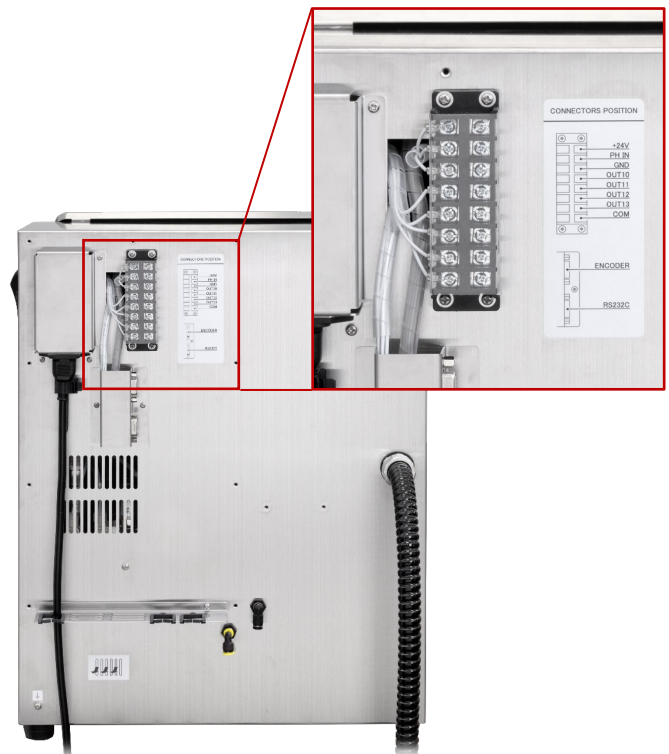


CCS3000L
Design



Display mark converted to pictogram

Indicator signs have been converted into pictograms to make it easier to identify the status.



Model	CCS1000
Printing method	Continuous system (charge control system)
Compatible ink	Dye inks (For details, refer to "Ink compatibility table".)
Dust- & water-proof	IP24
Certifications	RoHS
Screen size	5.7" Color LCD / Touch Panel
Compatible Nozzle	40μm / 50μm / 60μm
Print height	About 0.8 to 5 mm (40μm nozzle) About 1 to 10 mm (50μm nozzle) About 2 to 10 mm (60μm nozzle) (Depends on the distance from a workpiece, the print speed, and the ambient temperature)
Maximum print speed	2,500 ~ 3,200 characters/second(depends on nozzles and inks) * The maximum print speed in the case of using 5x5 dots font and setting the character spacing 1 dot. * For details, refer to "Ink compatibility table".
Character type	Alphabetical characters (uppercase/lowercase), numerical characters, symbols, Hiragana characters, Katakana characters, Kanji characters (JIS 1st and 2nd standard), Simplified Chinese characters (G B2312), user-defined characters
Number of printing lines and number of dots (vertical x horizontal)	1 to 5 lines: 5 x 5, 5 x N dots 1 to 3 lines: 7 x 5, 7 x 8, 7 x N dots 1 to 2 lines: 9 x 7, 9 x 9, 10 x 8, 12 x 10 dots 1 line: 16 x 12, 16 x 16, 24 x 18, 24 x 24 dots * The number of printing lines in the case of placing the character transversely. * The font matrix is described as "vertical x horizontal". * 5 x N and 7 x N are proportional fonts.
Number of message characters to register	Up to 4096 characters
Number of message to register	Up to 999 messages
Date/time (use-by-date) printing function	Function of assignment of Christian year, Japanese-style year, date, day of week, time (12/24-hour format), Julian date, serial week number in a year, early/middle/late part of month (variable period setting), AM/PM, shift code, and character assignment function (year, month, day, hour, minute, second, and day of week) to up to 4 to 15 other characters
Numbering function	Up to 10 digits, initial value setting, up/down, carry (1 count can be set at 1 to 9999 workpieces), zero suppress function (high-order zero is replaced with a space, or left-justified), numbering character assignment function (numbering can be assigned to other characters than numerical characters), base setting (binary number to base 36 number), separable (a character can be inserted between numerical characters)
Distance printing function	Up to 10 digits, separable (a character can be inserted between numerical characters)
Barcode printing function	ITF, Code39, NW7, EAN, Code128, UPC, Code93
2D code printing function	QR code and Data matrix
Japanese kana/kanji conversion function	Available
External Connections	Signal lamp, RS-232C, Encoder, USB stick memory
Data Input	Touch Panel, RS-232C communication
Communications function	RS-232C 1CH, up to 115,200 bps
Printhead cable length	3.5m
Dry air source (for air purging in the printhead)	<When not using air purge unit> Compatible tube outside diameter: 4 mm, Air source pressure: 0.1 MPa, Air flow: 1.7 L/min <When using air purge unit> Compatible tube outside diameter: 6 mm or 8 mm in diameter, Air source pressure: 0.8 MPa or less, Air flow: 10 L/min or less
Dimensions for installation	Main unit: 400 mm x 319 mm x 528 mm (excluding protrusions) Printhead: φ50 mm x 197 mm
Operating environment	Temperature: 0 to 40 °C, Humidity: 10 to 85% (non-condensing)
Power	AC100-240V, 50/60Hz, 0.8A
Weight	21 Kg
Grounding	Grounding resistance < 100 ohms

● Dimensional drawing

