KGK KGK Co.,Ltd.
RASAM JET
Noavaran Jet Rasam ltd.

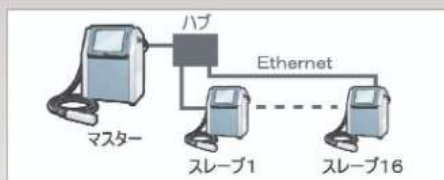# KGK JET CCS3100/3000L

https://www.rasamjet.com

Equipped with multiple controlling functions.

A master printer to control multiple number of slave printers

● A master printer to control up to 16 slave printers. Controllable functionality is limited.

ハブ
Ethernet
マスター
スレーブ1   スレーブ16

Latest standard model CCS3100

Launching a new design of the printhead that assures much improved high definition printing to cope with a high speed production line and multiple line printing.

● KGK makes the difference.
First in the industrial printing industry!
Our printing nozzle made of fluorine material assures stability in printing and eliminates nozzle contamination.
Further, improved functionality of the printhead heater and the unique viscosity control system contribute to assured printing stability. No viscosity adjustment will be required with the changing temperature of the environment.

● A lens is equipped with the printhead cover Thus, you can observe ink droplet condition clearly during the maintenance service works.

● Printing speed increased by 30% compared with our other models.

● Nozzle capping system.

● 10.4" removable touch panel is our standard with CCS3100.

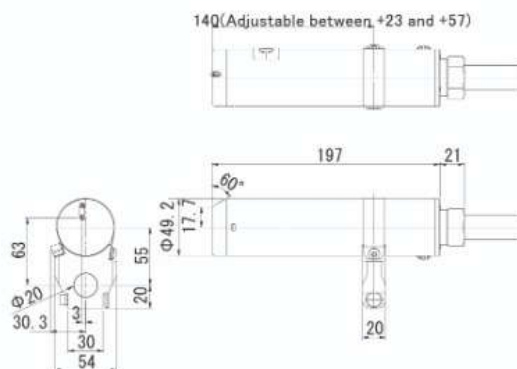**CCS3000L a more affordable model**

MADE IN JAPAN MADE IN

Tell: +982182801077
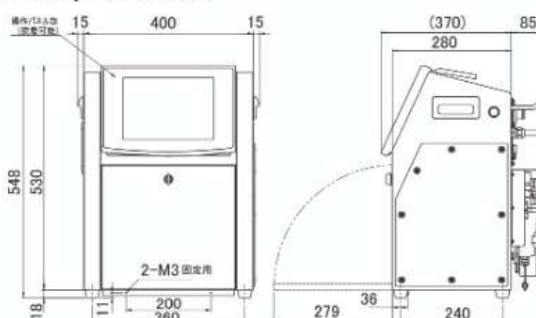WhatsApp:+989106523344
E-mail:Info@Rasamjet.com
Web:www.rasamjet.com

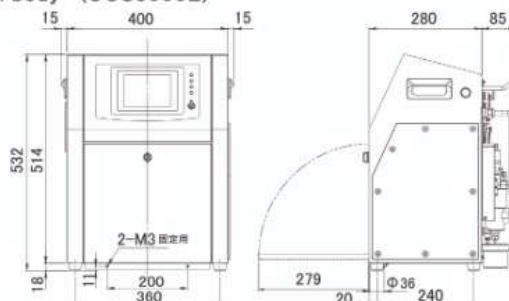| Model	CCS3100	CCS3000L
Printing method	Continuous system (charged control)	
Compatible ink	Dye inks and pigment inks	
Dust and water-proof	IP65	IP54
RoHS directive	supported	
Screen size	10.4″ color LCD/ touch panel	5.7″ color LCD/ touch panel
Nozzle options	40 μm / 50 μm / 60 μm	
Print height	0.8 ~ 5mm (40 μm nozzle)、1 ~ 10 mm (50 μm nozzle)、2 ~ 10 mm (60 μm nozzle)	
Maximum printing speed: numbers of characters/ second (5x5 dot font with spacing of 1)	1780 ~ 3200 (depends on nozzles and inks)	
Character types	alphabetical characters(upper case/lower case), numerical characters, symbols, Japanese hiragana, katakana and kanji of JIS class 1 & 2, User defined characters	
Number of printing lines and number of dots (vertical x horizontal)	【1 to 6 lines】5 × 5, 5 × N 【1 to 4 lines】7 × 5, 7 × 8, 7 × N 【1 to 3 lines】9 × 7, 9 × 9, 10 × 8, 12 ×1 【1 to 2 lines】16 × 12, 16 × 16 【1 line】24 × 18, 24 × 24, 32 × 24 ※ 32 × 32 ※	
Number of message characters to register	Maximum 4,096 characters	
Number of messages to register	Maximum 999 messages	
Date/time (use-by-date)Printing function	Christian calendar year, traditional Japanese calendar year, year/month/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, character assignment function (to assign year/month/date/hour/minute/second/day of week to other character of 4 to 15 digits)	
Numbering function	upto 10 digits, setting given initialized value, to run up or down, carry of digit (to set a count by using number of substratres between I to 9,999), zero supressions function (to replace zero of the upper digit with space or to eliminate it), a function to assign the character for numbering (to assign to the character other than numerical character), base setting (binary number to base 38 number), separable (inserting given character between numerical characters)	
Distance printing function	up to 10 digits, separable (inserting given character between numerical characters)	
Barcode printing function	ITF, Code39, NW7, JAN, Code128	
2D code printing function	QR code, data matrix	
Japanese kana/kanji conversion function	Yes	
Connection with external devices	I/O, signal lamp, RS-232C, LAN, encoder,UPS, USB flash drive	
Data entry	touch panel, RS-232C communications、Ethernet	
Communications	RS-232C 1CH Maximum 115, 200bps、Ethernet	
Printhead cable length	3.5m	
Multiple head control	A master printer can control up to slave printheads 【Controllable functions】Start/Stop, Power off, setting system clock, Message selection, Editing printing conditions Setting current value for numbering	
Dry air source	applicable tube outer diameter Φ 6mm or 8mm, air pressure : 0.8Mps or lawer (Air ventilator equipped with the main body), air flow : 10 liters/min. (Stirrer equipped with the printer meant for use of pigment ink. 70 liters/min or lower for printers marked ※	
Area required for installation (width x depth x height)	Main body : 400W × 307D × 548H (excluding protruding objects) Printhead : Φ 49.2mm × 197mm	Main body : 400W × 280D × 532H (excluding protruding objects) Printhead : Φ 49.2mm × 197mm
Operating environment (temperature/humidity)	0 ~ 40 ℃ (Depends on inks)、10 ~ 85% (no dew condensation)	
Power source	AC90 – 264V(47 – 63Hz)、80W	
Weight	25Kg	
Grounding	Class D	

※ CCS3100

▼ Printhead （CCS3100/3000L）

140(Adjustable between +23 and +57)

▼ Main body （CCS3100）

▼ Main body （CCS3000L）

Surrounding areas for installation requires given space. For more details please contact a KGK representative.