

# KGK JET ccs2800

KGK is proud to propose use of the most suitable ink among the varieties of KGK developed ones.



**Both the dye basee inks and the pigment baased inks operate with the stable conditions.**



- Pigment based inks are also available from KGK

We recommend variety of three printers to cope with among more than 20 kinds of inks available. We propose the most suitable printing. Our printers for use of an electric stirrer for pigment inks will use no external air source.



- The cartridge ink supply system will be used.

Our cartridge ink supply system will keep the operator from dirty hand for ink supply. Our cartridge system enables to save data. Mistakes in cartridge insertion are prevented. Controlling inks by the expiry date is assured.



- New type printhead

Our printhead is built with robust aluminum material. The printhead can be maintained well while it is attached to the stand. Ink flying speed can be stably controlled to assure quality printing.

## Prinnting examples



## Automatic Nozzle Capping System

The opening of the ink collection gutter automatically moves to tightly close the nozzle in the printhead when you finish the day's operation.

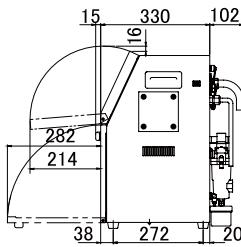
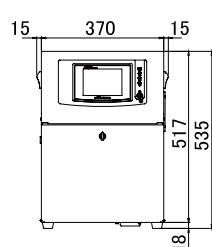


## ● Specifications

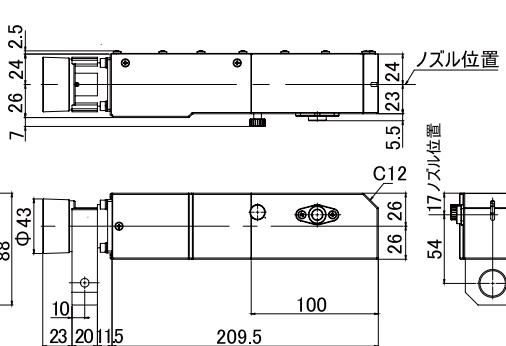
| model   | Dye based inks and pigment based inks without the use of a stirrer   | Pigment based inks with the use of a stirrer | Pigment based inks with the stirrer                             |
|---|--|--|---|
|   | CCS2800D   | CCS2800P                                     | CCS2800PS   |
| Printing system   | Continuous system (using the charged control system)   |  |   |
| Inks applied to   | Dye inks or pigment inks with use of no stirrer  |  |   |
| Dust proof and water proof  | Not applied  |  |   |
| RoHS  | Compliant  |  |   |
| Display size  | 5.7 inch color CD/touch panel  |  |   |
| Nozzle applicable   | 40/ 50/ 60μm   |  |   |
| Print height  | 0.8 ~ 5mm (40μm nozzle), 1 ~ 10 mm (50μm nozzle), 2 ~ 10 mm (60μm nozzle)  |  |   |
| Maximum printing speed: numbers of characters/second (5x5 dot font with spacing of 1) | Number of characters 2660 to 3200 (Depends on nozzle type and ink used)  |  |   |
| Printable characters  | Alphabet (uppercase letters and lowercase letters),numericals, signs,Japanese Hiragana, Japanese Katakana and Japanese Kanji of JIS I and II plus user chosen characters   |  |   |
| Number of print lines and dot configuration   | 【one to five lines】5×5    【one to 3 lines】7×5, 7×8<br>【one to 2 lines】9×7, 9×9, 10×8, 12×10    【one line】16×12, 16×16, 24×18, 24×24  |  |   |
| Number of message characters to register  | Up to 4096 characters  |  |   |
| Number of messages to register  | Up to 999 messages   |  |   |
| Printing date and time (best by date)   | 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   | upto 10 digits, setting given initialized value, to run up or down, carry of digit (to set a count by using number of substrates between 1 to 9,999), zero suppressions 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 36number), separable (inserting given character between numerical characters) |  |   |
| Distance printable  | Up to 10 digits, Separable (Given character will be inserted between numerical)  |  |   |
| Bar code printing   | ITF, Code39, NW7, JAN, Code128, UPC, Code93  |  |   |
| 2D code printing  | QR code, DataMatrix  |  |   |
| Japanese kana/kanji conversion function   | Yes  |  |   |
| Connectivity for external communication   | signal light, RS-232C, encoder, UPS, USB memory  |  |   |
| Data input  | Touch panel, Communications  |  |   |
| Communications  | RS-232C 1CH Up to 115200 bps   |  |   |
| Head cable length   | 3.5m   |  |   |
| Dry air source (for air purging in the printhead)                                     | Compatible tube outside diameter $\Phi$ 6mm or 8mm<br>Air pressure : 0.8Mpa or less<br>Air flow : 10 liters/min or less  |  |   |
| Areas required for installation (With x depth x height)                               | main body : 370W × 330D × 535H(excluding portions sticking out)<br>Printhead : 50mm × 52mm × 209.5mm   |  | main body : 370W × 330D × 635H(excluding portions sticking out) |
| Operating environment (temperature/humidity)  | 0 ~ 40 °C (Depends on the ink used), 10 ~ 85% (No dew condensation)  |  |   |
| power source  | AC90~264V(47~63Hz), 60W  |  |   |
| weight (main body)  | 19Kg   | 21Kg   | 22Kg  |
| weight( printhead)  | 870g   |  |   |
| Grounding   | type D   |  |   |

## ● Dimensional drawing

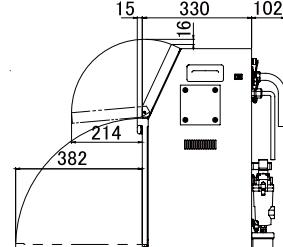
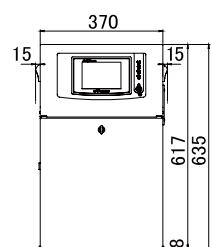
► Dye based inks and pigment based inks without the use of a stirrer



► printhead



► Pigment based inks with the use of a stirrer  
► Pigment based inks with the stirrer



Note: Some additional space required for installation for the main body

※ Specifications subject to change without notice.