



# Silk Screen Inks

## Product Information

Support MicroPiezoelectric DX5 DX7 Print-head Mesent Completely  
High-precision High-precision Color Perfect Gradient Colors

### DL-165A



#### Technology of the fifth print head

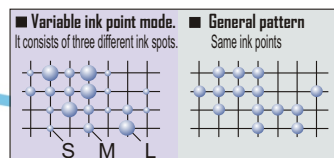
Using Variable-Sized Droplet Technology (VSDT). Using 2-bit files while doing RIP treatment. Change the size of droplet according to the image changes in real time and using the bigger droplets to print solid area, the smaller droplets is used to express fine gradation of tones and details. VSDT provides a perfect balance between speed and the quality of image to enhance the print speed and accuracy.



#### Epoch-making outstanding printing

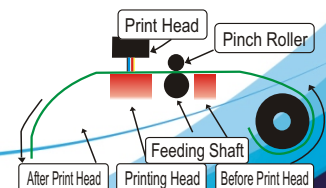
- High Precision inkjet: The highest precision is 1440dpi and the variable dot technology.

High quality printing is made of three different sizes of ink dots. Even in the four-color mode, it also can present a very good quality.



#### Three-stage heating system

The printer outdoor solvent series equipment has before printing, printing and after printing automatic intelligent heating system, controls the temperature precisely and the temperature rise quickly and controlled in 30-50 °C. The ink and media combines fully and the bright colors of the ink shows completely.



#### Product Features

1. The highest precision is 1440dpi and the variable dot technology. High quality printing is made of three different sizes of ink dots. Even in the four-color mode, it also can present a very good quality.
2. Automatic test paper, automatic cutting: using the patten sensor measure can measure the media position effectively, set the starting point automatically and cutting automatically.
3. Supports color CAD output directly, customers can have color image output device while they already have a indoor and outdoor photo output devices, it's good for enterprise to propagate.
4. Automatic seamless mosaic: completely realize the fixed automatic screen printing and the mosaic picture of the wireless length.
5. Three-stage heating system: Before printing, printing and after printing. the three-stage automatic intelligent heating system, control temperature precisely, The ink and media combines fully and the bright colors of the ink is shows completely.
6. The outing ink concentration: the user can adjust the concentration based on the variety of ink according to the characteristics of the machine environment to prevent the ink from causing the ink break.
7. Maintenance Station: streamlining follower lift maintenance station structure fully reflects the high sealing, corrosion resistance, so that the nozzle is always in good condition.
8. Brushless DC motor: brushless DC motor drive the car and at the same time keep high-precision printing reflect long motor life, the motor system is more stable and durable.
9. Induction and paper system: realized the customers' large material output or select more types of media, the stability and precision of paper printing.



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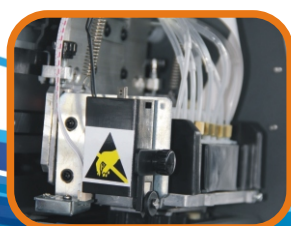
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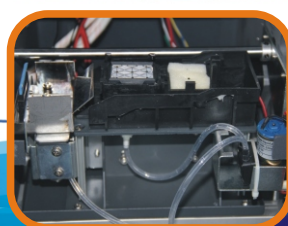
| Item Model             |                   | Specifications                                                                                          |                                                                               |                                                                                 |
|------------------------|-------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|                        |                   | DL-165A                                                                                                 | DL-185                                                                        | DL-1802                                                                         |
| Print Head             |                   | Piezo Technology, Epson DX5 Dx7<br>Print head (180 nozzles x 8 lines) x 1 pcs                           | Piezo Technology, Epson DX5 Dx7<br>Print head (180 nozzles x 8 lines) x 1 pcs | Piezo Technology, Double Epson DX5-DX7<br>Print-head( 180nozzles × 8lines)×2pcs |
| Print Resolution       |                   | 450dpi -540dpi - 600dpi - 720dpi - 1080dpi - 1440dpi                                                    |                                                                               |                                                                                 |
| Ink                    | Color             | 2 x 4 C . M . Y . K                                                                                     | 2 x 4 C . M . Y . K                                                           | 4 x 4 C . M . Y . K                                                             |
|                        | Sort              | Water Based ink / Echo Solvent ink                                                                      | Water Based ink / Echo Solvent ink                                            | Water Based ink / Echo Solvent ink                                              |
|                        | Ink Supply System | CISS Ink Supply System                                                                                  | CISS Ink Supply System                                                        | CISS Ink Supply System                                                          |
| Print Speed            | Draft             | 3 1 m <sup>2</sup> / H                                                                                  | 3 3 m <sup>2</sup> / H                                                        | 4 6 m <sup>2</sup> / H                                                          |
|                        | Text              | 2 4 m <sup>2</sup> / H                                                                                  | 2 6 m <sup>2</sup> / H                                                        | 4 3 m <sup>2</sup> / H                                                          |
|                        | Picture           | 1 6 m <sup>2</sup> / H                                                                                  | 1 8 m <sup>2</sup> / H                                                        | 3 6 m <sup>2</sup> / H                                                          |
|                        | Photo             | 1 0 m <sup>2</sup> / H                                                                                  | 1 2 m <sup>2</sup> / H                                                        | 3 1 m <sup>2</sup> / H                                                          |
| Media                  | Size              | 1 5 2 0 m m                                                                                             | 1 8 3 0 m m                                                                   | 1 8 0 0 m m                                                                     |
|                        | Type              | Inside: PP Synthetic Paper, Vinyl Sheet, Film, Gloss Photo Paper, Coated Paper, Canvas, Parchment Paper |                                                                               |                                                                                 |
|                        |                   | Outdoor: Stickers Vinyl, Light cloth, Leather, Canvas, Wall paper, Outdoor Coated Paper, Outdoor PP     |                                                                               |                                                                                 |
|                        | Transfer          | Inside: Automatic damping send cloth system                                                             |                                                                               |                                                                                 |
|                        |                   | Outdoor: Induction tension retractable paper system                                                     |                                                                               |                                                                                 |
| Media Cutting          |                   | Auto / Manual Cut                                                                                       | Auto / Manual Cut                                                             | Auto / Manual Cut                                                               |
| Media Heater           |                   | Pre print / Post heater                                                                                 | Pre print / Post heater                                                       | Pre print / Post heater                                                         |
| USB Transfer Interface |                   | USB2.0 High-speed                                                                                       | USB2.0 High-speed                                                             | USB2.0 High-speed                                                               |
| Power                  |                   | AC 110V (± 10%) 50/60Hz      AC 220V (± 10%) 50/60Hz                                                    |                                                                               |                                                                                 |
| Operation Environment  |                   | (Temperature) : 15℃ ~25℃, (Humidity) : 35%RH ~ 65%RH                                                    |                                                                               |                                                                                 |
| Dimension (WxDxH)      |                   | 2430mm x 650mm x 560mm                                                                                  | 2670mm x 650mm x 570mm                                                        | 2670mm x 650mm x 570mm                                                          |
| Weight                 |                   | 145kg                                                                                                   | 165kg                                                                         | 170kg                                                                           |



Brush less DC Motor



Automatic Cutter



Streamline Follower Lift  
Maintenance Station



Tension Induced Folding  
Paper System

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