

Direct Color Systems®

# 1018<sup>UV</sup><sub>HS</sub><sub>6</sub>

## UV LED Flatbed Inkjet Printer

*Versatile, small-format solution.*

### FEATURING:

- » **INLINE PRINTING**
- » **EASCYL – CYLINDRICAL PRINTING**

WITH  
**TEXTURED<sup>3D</sup>**  
ON BOARD

### WIDE RANGE OF CAPABILITIES

- TEXTUR3D™ 3-dimensional prints for a unique look and feel, plus standard flat prints
- Cylindrical object and bottle printing made easy with the EasyCyl attachment
- Printable area: up to 10" x 18" (254mm x 457mm)
- Fully adjustable to accommodate substrates from 0" to 6" (152mm) thick
- Print on wood, metals, ceramic tiles, plastics, glass, industrial parts, promotional products and so much more!

### ENHANCE YOUR PRODUCTION

- Inline printing – print any combination of two or three of RIP 9's groups of white, color and clear print head channels simultaneously, inline, in a single pass
- ACST™ – UV print head anti-cure system
- LED sensors automatically adjust head height to reduce print head strikes

### SUPREME PRINT QUALITY

- Y-axis absolute positioning accuracy and repeatability of ±0.003" (0.076mm) when utilizing the Y-axis Heavy-Duty Direct Drive Module
- Precision Dot Control™ provides industry-leading print quality
- White UV ink creates a very opaque image, allowing you to print vibrant colors onto virtually any colored or transparent substrate
- UV LED inks offer outstanding solvent and abrasion durability – 6-color ink set, including clear and white
- Made in the USA – distributed globally

**Direct Color Systems®**

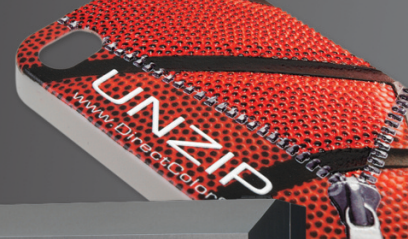
Leading Manufacturer of Direct-to-Substrate Small-Format Printers



Included RIP 9 software integrates seamlessly with industry-standard design programs (Photoshop®, Illustrator®, Color Byte, CoreIDRAW®)

[www.DirectColorSystems.com](http://www.DirectColorSystems.com)

Scan to request a demonstration or printed sample.



Calibrated for  
**Multisolve™  
Inks**

Direct Color Systems  
**easyCUL  
Compatible**

- Optimized resolution of up to 5760 dpi
- LED automatic head height adjustment
- Economical head replacement cost
- Adjustable power output for UV LED lamp



### Direct Jet 1018UVHS6 UV LED Printer Specifications

Imaging Process	On-demand inkjet (Micro Piezo) 8-channel head with 180 nozzles/inch/channel
Resolution	Draft Modes <sup>1</sup> : 360 x 360, 720 x 360, 720 x 720 dpi / Production Modes <sup>2</sup> : 1440 x 720, 1440 x 1440, 2880 x 1440, 5760 x 1440 dpi
Ink Droplet Size (Minimum / Maximum)	1.5 picoliters / 21 picoliters
Ink Colors	Y, M, C, K, Cl, W (Cl=Clear, W=White)
Ink Supply	Individual 14ml refillable cartridges with intelli-smart technology. Available with Multisolve™ LED UV IR2 pigmented UV-stable inks in 200ml & 500ml bottles.
Print Speed <sup>3</sup>	1:10 to produce a bi-directional 8" x 10" (203mm x 254mm) image at 1440 x 720 dpi / High Speed 3:06 to produce a bi-directional 10" x 24" (254mm x 610 mm) image at 1440 x 720 dpi / High Speed
Y-Axis Absolute Positioning Accuracy & Repeatability	±0.003" (0.076mm) <sup>4</sup>
Print Direction	Uni- and bi-directional
Maximum Print Size	10" x 18" (254mm x 457mm)
Maximum Substrate Size	13" x 25" (330mm x 635mm)
Maximum Substrate Weight	10 lbs. (4.5 kg). Optional heavy-duty Direct Drive Stepper Module increases maximum substrate weight to 20 lbs (9.1 kg).
Z-Axis (Depth/Thickness Control)	0" to 6" (152mm) / Fully adjustable with automatic LED sensing technology.
Media	Prints to a variety of substrates <sup>5</sup> using the DCS Multisolve LED UV IR2 ink set, including (but not limited to) plastic, glass, wood, ceramic, metal, etc. <sup>6</sup>
Control Panel	8-button membrane switch
Interface	Hi-speed USB 2.0
Windows Operating System	Windows 7 (32 & 64 bit) or Windows 8 (32 & 64 bit)
System Minimum Requirements	CPU of >2GHz, >4GB RAM, 40 GB free hard disk space and 3 available USB 2.0 ports
System Recommendations	CPU of >3GHz, 8GB RAM, 100 GB free hard disk space and 4 available USB 2.0 ports
Power Source	100-240 VAC, 50-60 Hz., 4 A auto switching
Operating Temperature	60°F to 85°F (16°C to 29°C)
Humidity	Non-condensing 20%-80%
Dimensions	Depth 33.7" (855.9mm) x Height 25.4" (644.3mm) x Width 47.4" (1203.9mm)
Weight	202 lbs. (91kg)
Agency Listings	CE pending
Warranty	Printer 2-year limited warranty
RIP	Color Byte RIP 9 software allows input from Photoshop®, Illustrator®, CorelDRAW® and Color Byte
Ink and Media	Available through Direct Color Systems and authorized dealers/distributors

<sup>1</sup> Substrate dependent. <sup>2</sup> Substrate dependent. <sup>3</sup> Print times may vary dependent on computer configuration. <sup>4</sup> When utilizing the Y-axis Heavy-Duty Direct Drive Module. <sup>5</sup> All substrates should be tested for image receptivity, adhesion and durability, with final acceptance and suitability determined by the customer. <sup>6</sup> Some materials may require the use of an adhesion promoter or a chemical wipe prior to printing to promote adhesion.

This data sheet is for informational purposes only. Direct Color Systems makes no warranties, expressed or implied in this summary. Specifications are subject to change without notice. This is not an offer for sale.

**DCS Corporate** 99 Hammer Mill Road, Rocky Hill, CT USA 06067 / 800-693-6376 / +1 860-829-2244 / info@directcolorsystems.com

**DCS EAA** Rua do Alto Das Torres, 942, 4430-009 Vila Nova De Gaia, Portugal / EAAinfo@directcolorsystems.com

