



## T-SHIRT/ DIRECT-TO-GARMENT (DTG) PRINTING

### PATENT PENDING TECHNOLOGY



## 9" x 9" (228.6mm x 228.6mm) Printed T-Shirt <sup>[1]</sup>

### White Shirt Fast

Print Time: 1 min 19sec  
Ink Cost: \$0.35

### White Shirt Quality

Print Time: 2 min 27 sec  
Ink Cost: \$0.49

### Black Shirt Fast

Print Time: 5 min 33 sec  
Ink Cost: \$1.24

### Black Shirt Quality

Print Time: 8 min 47 sec  
Ink Cost: \$2.05

**PRINT TIMES**  
based on 1800s  
printer and print modes



### DTG (Direct-to-Garment) / DTS (Direct-to-Substrate) Printing is Now Available in One Printer!

Direct Jet 1800s15 and 1800s35 can be used to create durable and wash resistant prints when printing to light and dark colored t-shirts.

Our customers have increased product offerings and larger profit margins in the DTG market. By producing shirts on polyester and cotton. Our customers have more variety without the need of harsh pretreatment chemicals.

#### Materials<sup>[2]</sup>

100% Cotton, Cotton Blends, 100% Polyester, Synthetic Blends.

#### Ink<sup>[3]</sup>

DCS IF6(T) UV LED inks.

#### Accessories

Black anodized shirt platens available through Direct Color Systems and authorized dealers/ distributors.

**DO MORE**

WITH OUR VERSATILE F6T EDITION PRINTERS

OTHER PERFORMANCE APPAREL  
WITHOUT THE NEED FOR HARSH  
CHEMICAL PRETREATMENTS.

[1] Cycle times are good faith estimates only, based on print modes listed above. The data represents printing times only and do not include any RIP processing time. Actual times may vary based on computer speed, memory, etc. Ink costs are based on best value pricing per DCS's published (04/26/17) US list pricing and print modes available at the time this sheet was published (11/10/17). Ink usages are good faith estimates only. Usage will vary depending on media type, file content, cleaning cycles, frequency of use and print modes used. Actual production usage should be determined by printer owner/operator based on production environment variables. [2] All garments should be tested for image receptivity, adhesion, and durability with final acceptance and suitability determined by the customer. Applications that include use within washing machine environments should be tested for durability. [3] Direct Color Systems' IRF6(T) Ink Sets Pass CPSIA Textile Testing. Please review the published report on the DCS website dated 100417 for complete details.

DTG Note: When printing shorts, fabrics, or garments that require a white under base of ink, most materials must be prepped with water prior to printing. When ordering any IRF6T and IRF6, printer model for DTG applications. DCS recommends a pretreatment machine for accurate application of water prior to printing. The DCS applications lab uses and recommends the VIPER XPT-1000 (<http://www.viperxpt.com>) or the COBRA Pretreat Machine (<https://cobradtg.com>). Please also note that a heat press is required for DTG applications with any IRF6T and IRF6 printer model. Please review the latest 'Before You Buy: DTG Printing with DCS UV LED Printers'.pdf for complete details. All textiles/fabrics should be tested for image receptivity, adhesion, and durability with final acceptance and suitability determined by the customer. The 'Application Guide DTG Printing'.pdf will provide instructions and suggestions on process steps or software changes once customers want to try and test new shirts (outside of those garments/shirts that DCS recommends in the 'Before You Buy'.pdf).

APPLICATION ONLY COMPATIBLE ON:

**F<sup>6T</sup> EDITION**

PRINTERS

Direct Color Systems<sup>®</sup>  
**1800S<sub>15</sub>**

Direct Color Systems<sup>®</sup>  
**1800S<sub>35</sub>**