

Direct Color Systems®

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

APPLICATION

PATENT PENDING TECHNOLOGY



9" x 9" (228.6mm x 228.6mm) Printed T-Shirt ^[1]

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

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

PRINT TIMES
based on 1800z
printer and print modes

Print 3: Black Shirt Fast
Time: 5 min 33 sec
Ink Cost: \$1.24

Print 4: Black Shirt Quality
Time: 8 min 47 sec
Ink Cost: \$2.05



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

Direct Jet MVP Classic, 1800z and 7200z printers (F6T Editions) can be used to create durable and resistant prints when printing to light and dark colored t-shirts.

Our customers realize increased product offerings and profit in the DTG market by producing printed images that stretch with any fabric without the need for harsh chemical pretreatments.

DO MORE

WITH OUR VERSATILE F4 OR F6T EDITION PRINTERS

PRINT TO POLYESTER AND
OTHER PERFORMANCE APPAREL
WITHOUT THE NEED FOR HARSH
CHEMICAL PRETREATMENTS.

Materials ^[2]

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

Ink ^[3]

DCS Multisolve™ UV-Stable RF6(T) UV LED inks.

Accessories

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

^[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' IRF4 and 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 to shirts, fabrics, or garments that require a white under base of ink, most materials must be prepped with water prior to printing. When ordering any F6T, F6, or F4 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 F6T, F6, or F4 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^{6T} EDITION

PRINTERS

LIV MVP
Classic

Direct Color Systems®
1800z

Direct Color Systems®
7200z