DTC550

DIRECT-TO-CARD PRINTER/ENCODER

Specifications Overview

Print Method:	Dye-Sublimation / Resin Thermal Transfer
Resolution:	300 dpi (11.8 dots/mm)
Colors:	Up to 16.7 million / 256 shades per pixel
Print Ribbon Options:	• Full-color with resin black and overlay panel, YMCKO*, 500 prints • Full-color with two resin black panels and overlay panel, YMCKOK*, 400 prints • Full-color with two resin black panels, no overlay panel, YMCKK*, 500 prints • Resin black (3,000 prints); green, blue, red, white, silver and gold (1,000 prints) • Resin black and overlay panel, KO*, 1,500 prints
Available only with Print Security Package:	• Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 400 prints • Full-color with fluorescing, two resin black panels and overlay panel, YMCFKOK*, 350 prints
Overlaminate Options:	• Thermal Transfer Overlaminate, .25 mil thick • PolyGuard Overlaminate, 1.0 mil and .6 mil thick • All overlaminates available in clear, standard holographic design or custom high secure or secure holographic design. • PolyGuard available in a CR-80 patch size.
Print Speed:**	Batch Mode: • 7 seconds per card / 514 cards per hour (K)* • 12 seconds per card / 300 cards per hour (KO)* • 27 seconds per card / 144 cards per hour (YMCKO)* • 36 seconds per card / 109 cards per hour (YMCKOK)* • 34 seconds per card / 102 cards per hour (YMCKK/lamination)*
Accepted Standard Card Sizes:	CR-80 (3.370"L x 2.125"W / 85.6mmL x 54mmW) CR-79 Adhesive Back (3.313"L x 2.063"W / 84.1mmL x 52.4mmW)
Print Area:	CR-80 edge-to-edge (3.36"L x 2.11"W / 85.3mmL x 53.5mmW) CR-79 (3.30"L x 2.04"W / 83.9mmL x 51.8mmW)
Accepted Card Thickness:	Print only: .020" (20 mil) to .050" (50 mil) / .508mm to 1.27mm (single-sided printing only for 50 mil cards) Print/Lamination: .030" (30 mil) to .040" (40 mil) / .762mm to 1.02mm
Accepted Card Types:	PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish
Input Hopper Card Capacity:	Dual hoppers, 100 cards each (.030" / .762mm)
Output Hopper Card Capacity:	100 cards (.030" / .762mm)
Card Cleaning:	Removable Card Cleaning Cartridge with replaceable cleaning roller
Memory:	16MB RAM
Display:	User-friendly, SmartScreen™ LCD Control Panel; LED display on optional Card Lamination Module
Software Drivers:	Windows® 2000/XP/Server 2003
Interface:	USB 1.1 (USB 2.0 compatible); optional 10BASE-T Ethernet with internal print server
Operating Temperature:	65° to 80° F / 18° to 27° C
Humidity:	20-80% non-condensing
Dimensions:	DTC550: 10.75"H x 18.5"W x 11"D / 273mmH x 470mmW x 279mmD DTC550 + Lam: 10.75"H x 30.5"W x 11"D / 273mmH x 775mmW x 279mmD Lam Module: 10.25"H x 30"W x 11"D / 260mmH x 762mmW x 279mmD
Weight:	DTC550: 20 lbs. / 9.1 kg DTC550 + Lam: 39 lbs. / 17.7 kg Lam Module: 19 lbs. / 8.6 kg
Agency Listings:	Safety: UL 60950-1, CSA C22.2 (60950-1) and CE EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024, ENG 1000-3-2, ENG 1000-3-3)
Supply Voltage:	100-240 VAC, 3.3A
Supply Frequency:	50 Hz / 60 Hz
Warranty:	Printer: One year (including On-Call Express in the U.S.); optional Extended Warranty Program (U.S. only) Printhead: One year, unlimited pass with UltraCard™ Cards
Fargo Secure Materials:	Fargo Card Printer/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, printhead life and printer/encoder reliability, use only Fargo Secure Materials. Fargo warranties are void, where not prohibited by law, when non-Fargo Secure Materials are used.
Encoding Options:	• ISO Magnetic Stripe Encoding, triple coercivity, Lo-Co 300, Hi-Co 2750, Hi-Co 4000,Tracks 1, 2, and 3 • Contact Smart Card Docking Station • Contactless Smart Card Encoder (HID® iCLASS™, MIFARE® and MIFARE DESFire) • Contact Smart Card Encoder reads from and writes to all ISO7816-1/2/3/4 memory and microprocessor smart cards (T = 0, T = 1) as well as synchronous cards • Prox Card Encoder (HID read-only)
Additional Options:	• Card Lamination Module • Printer Cleaning Kit • Print Security Suite • Print Security Manager • Card Hopper Lock • Ethernet with internal print server • Dual-sided Printing

*Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, O=Overlay, F=Fluorescing

**Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the CPU, amount of RAM and the amount of available resources at the time of the print.

The features and flexibility of the DTC550 make it an ideal choice for card security systems that employ:

- *Bar codes*
- *Magnetic stripes*
- *Dual-sided printing*
- *Covert printing features*
- *Holographic overlaminates*
- *Proximity card technology*
- *Smart card technology*
- *And more!*

The Fargo DTC550 Direct-to-Card Printer/Encoder meets the needs of both security and IT in enterprise-wide environments such as:

- *Medium-to-large corporations*
- *Post-secondary educational institutions*
- *Public safety departments*
- *Large hospitals and research centers*
- *State and local government facilities*
- *Large membership and loyalty card programs*

FARGO SECURE

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