



## Specifications Overview (complete DTC550 specs available at [www.fargo.com/products/dtc550-overview.asp](http://www.fargo.com/products/dtc550-overview.asp))

<b>Print Method:</b>	Dye-Sublimation / Resin Thermal Transfer
<b>Resolution:</b>	300 dpi (11.8 dots/mm)
<b>Colors:</b>	Up to 16.7 million / 256 shades per pixel
<b>Print Ribbon Options:</b>	<ul style="list-style-type: none"> <li>• Full-color with resin black and overlay panel, YMCKO*, 500 prints</li> <li>• Full-color with two resin black panels and overlay panel, YMCKOK*, 400 prints</li> <li>• Full-color with two resin black panels, no overlay panel, YMCKK*, 500 prints</li> <li>• Resin black (3,000 prints); green, blue, red, white, silver and gold (1,000 prints)</li> <li>• Resin black and overlay panel, KO*, 1,500 prints</li> </ul>
<b>Available only with Print Security Package:</b>	<ul style="list-style-type: none"> <li>• Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 400 prints</li> <li>• Full-color with fluorescing, two resin black panels and overlay panel, YMCFKOK*, 350 prints</li> </ul>
<b>Overlamine Options:</b>	<ul style="list-style-type: none"> <li>• Thermal Transfer Overlamine, .25 mil thick</li> <li>• PolyGuard Overlamine, 1.0 mil and .6 mil thick</li> <li>• All overlamines available in clear, standard holographic design or custom high secure or secure holographic design.</li> <li>• PolyGuard available in a CR-80 patch size.</li> </ul>
<b>Print Speed:**</b>	Batch Mode: <ul style="list-style-type: none"> <li>• 7 seconds per card / 514 cards per hour (K)*</li> <li>• 12 seconds per card / 300 cards per hour (KO)*</li> <li>• 25 seconds per card / 144 cards per hour (YMCKO)*</li> <li>• 33 seconds per card / 109 cards per hour (YMCKOK)*</li> <li>• 35 seconds per card / 102 cards per hour (YMCKK/lamination)*</li> </ul>
<b>Accepted Standard Card Sizes:</b>	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)
<b>Print Area:</b>	CR-80 edge-to-edge (3.37"L x 2.11"W / 85.5mmL x 53.5mmW) CR-79 (3.30"L x 2.05"W / 83.9mmL x 52.2mmW)
<b>Accepted Card Thickness:</b>	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
<b>Accepted Card Types:</b>	PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish
<b>Input Hopper Card Capacity:</b>	Dual hoppers, 100 cards each (.030" / .762mm)
<b>Output Hopper Card Capacity:</b>	100 cards (.030" / .762mm)
<b>Card Cleaning:</b>	Removable Card Cleaning Cartridge with replaceable cleaning roller
<b>Memory:</b>	16MB RAM
<b>Display:</b>	User-friendly, SmartScreen™ LCD Control Panel; LED display on optional Card Lamination Module
<b>Software Drivers:</b>	Windows® 2000/XP/Server 2003
<b>Interface:</b>	USB 1.1 (USB 2.0 compatible)
<b>Operating Temperature:</b>	65° to 80° F / 18° to 27° C
<b>Humidity:</b>	20-80% non-condensing
<b>Dimensions:</b>	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
<b>Weight:</b>	DTC550: 20 lbs. / 9.1 kg DTC550 + Lam: 39 lbs. / 17.7 kg Lam Module: 19 lbs. / 8.6 kg
<b>Agency Listings:</b>	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)
<b>Supply Voltage:</b>	100-240 VAC, 3.3A
<b>Supply Frequency:</b>	50 Hz / 60 Hz
<b>Warranty:</b>	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
<b>Fargo Secure Materials:</b>	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.
<b>Encoding Options:</b>	<ul style="list-style-type: none"> <li>• ISO Magnetic Stripe Encoding, triple coercivity, Lo-Co 300, Hi-Co 2750, Hi-Co 4000, Tracks 1, 2, and 3</li> <li>• Contact Smart Card Docking Station</li> <li>• Contactless Smart Card Encoder (HID® iCLASS™, MIFARE® and MIFARE DESFire)</li> <li>• 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</li> <li>• Prox Card Encoder (HID read-only)</li> </ul>
<b>Options:</b>	<ul style="list-style-type: none"> <li>• Card Lamination Module</li> <li>• Card Hopper Lock</li> <li>• Printer Cleaning Kit</li> <li>• Ethernet with internal print server</li> <li>• Print Security Suite</li> <li>• Dual-sided Printing</li> <li>• Print Security Manager</li> </ul>

\*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 feeds into the printer to the time it ejects from the printer. 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 overlamines
- 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

**Maximize the performance of your Fargo Card Identity System. Ask your authorized Fargo integrator about:**

- Print Security Suite
- Print Security Manager
- Visual Security™ Solutions
- Fargo Secure Software
- Fargo Secure Materials
- Extended Warranties
- On-Call Express

This data sheet is for informational purposes only. Fargo Electronics makes no warranties, expressed or implied, in this summary. Company and product names and data used in sample output are fictitious. Specifications are subject to change without notice. UltraCard, Visual Security, SmartScreen and SecureMark are trademarks and Fargo and DTC are registered trademarks of Fargo Electronics, Inc. All other trademarks and registered trademarks are property of their respective companies. This is not an offer of sale.