

DTC 4500 Card Printer/Encoder Specification Details

Printer Specifications

- Dye-sublimation/Resin Thermal Transfer.
- Resolution – 300 dpi (11.8 dots/mm) continuous tone.
- Colors – up to 16.7 million/256 shades per pixel.
- 7 seconds per card (K), 12 seconds per card (KO), 24 seconds per card (YMCKO), 31 seconds per card (YMCKOK).
- Print area – Edge to edge for both the CR-80 and the CR-79.
- Dual input hopper card capacity – 200 cards.
- Output hopper card capacity – up to 100 cards.
- Reject hopper card capacity – up to 100 cards – same side input/output card hopper or lamination module required.
- Card cleaning – card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change.
- 32 MB RAM.
- Windows XP/Vista (32 bit & 64 bit) / Server 2003 & 2008 / Windows 7 / Linux.
- Warranty – printer: 2 years; printhead – 2 years, unlimited pass with UltraCard.
- Swift ID Embedded Badging Application, FARGO Workbench Diagnosis Utility.
- Display – User friendly, SmartScreen graphical display.
- Printer access password protected; Kensington lock compatibility.

Ribbons

- Full color with resin black and overlay panel, YMCKO, 250 prints.
- Full color half-panel with resin black and overlay panel, YMCKO, 850 prints.
- Full color with two resin black panels and overlay panel, YMCKOK, 500 prints.
- Full color with fluorescing, resin black and overlay panel, YMCKO, 500 prints.
- Full color with fluorescing, two resin black panels and overlay panel, YMCKOK, 400 prints.
- Full color with two resin black panels and overlay panel, YMCKK, 500 prints.
- Resin black and overlay panel, KO, 1250 prints.
- Dye-sublimation black and overlay panel, BO, 1250 prints.
- Resin black (standard and premium), 3000 prints.
- Resin green, blue, red, white, silver and gold, 2000 prints.
- Rewrite technology – no ribbon is required.

Operating Characteristics

- Operating temperature - 65° F (18° C) to 80° F (27° C).
- Humidity – 20% to 80% non-condensing.

- Supply Voltage – 100-240 VAC, 3.3A
- Supply Frequency – 50 Hz/ 60 Hz.
- Size – Single Sided printer - width: 18.1" (460 mm), height: 9.8" (249 mm), depth: 9.2" (234 mm) and weight: 9.0 pounds (4.1kg); Dual Sided printer – width: 18.7" (475 mm), height: 9.8" (249 mm), depth: 9.2" (234 mm) and weight: 11 pounds (5.0kg); Printer and laminator – width: 18.7" (475mm), height: 18.9" (480mm), depth: 9.2" (234mm) and weight: 20 pounds (9.1kg).

Card Encoding Options

- 125 kHz (HID Prox) reader; 13.56 MHz (iClass, MIFARE, ISO 14443 A/B, ISO 15693) read/write encoder.
- Contact Smart Card Encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards, as well as synchronous cards.
- ISO Magnetic Stripe Encoding, dual high and low coercivity, Tracks 1, 2 and 3.

Other Options

- Single wire Ethernet and USB 2.0 interface for inline printing and encoding.
- Dual sided printing module.
- Same side input/output card hopper.
- Smart Card encoding modules (contact/contactless).
- Magnetic stripe encoding module.
- Printer cleaning kit.
- Single or dual sided simultaneous lamination.

Communication and Interface Capabilities

- USB 2.0.
- Optional Ethernet with internal print server.

Card Types & Sizes

- CR-80 size, CR-79 adhesive back.
- Card thickness – Print Only - .009" - .040" / 9mil – 40mil / .229mm – 1.016mm; Print/Lamination - .030" - .040" / 30mil – 40mil / .762mm – 1.02mm.
- PVC or polyester cards with PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite.