

# P720



## P SERIES CARD PRINTERS



### Dual-Sided Color Card Printer with Advanced "One-Pass" Dual Sided Laminator for Highly Durable and Secure Long-life Plastic Cards

The P720 printer with built-in wasteless/linereless laminator produces a high definition full color dual sided laminated plastic card within 30 seconds. This high-quality, high-speed card printer simultaneously laminates the front and back of a card in one pass. The P720 also features a rugged all metal enclosure with viewing window, and a field-proven reliable print engine. The P720 is ideal for producing laminated cards for:

Dual-sided color or monochrome card printing with dual-sided lamination:

Print speed: 120 cards per hour/  
30 seconds per card  
(YMCK\_K with 1.mil dual sided lamination)

Resolution: 300 dpi (12 dots/mm)

Print method: Dye sublimation  
Thermal transfer


- Driver's Licenses and Government ID
- High Tech & High Security Facility ID
- Law Enforcement & Correction Facility ID
- Access Control Cards & Time/Attendance
- Any Card Requiring Security Features & Longevity

Laminating plastic cards considerably increases the card life, card durability, and prevents counterfeiting, card alterations, and fraudulent duplication of cards. Lamination can extend card life by 2 to 5 additional years when compared to non-laminated cards under similar conditions. Factors such as dye migration, UV fading, damage from frequently swiped magnetic cards, and abrasion shortens the life of your card. With lamination these factors are decreased tremendously. Various types of standard and custom hologram laminate are available.

The P720 also features bi-directional driver communication, automatic laminate detection, print ribbon synchronization, a patented in-line cleaning cartridge, optional magnetic encoding and/or Smart Card contact station, a reject card hopper, and both Centronics and USB interfaces. Windows® drivers compatible with Windows NT, ME, 95/98, and 2000 provide convenient plug and play operation.

All Eltron card printers are manufactured to ISO 9001 standards and available from NBS authorized distributors and value-added resellers worldwide.

# P720 Specifications

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## General Specifications

- Dual sided printer and "One-Pass" wasteless dual sided laminator
- High speed printing and laminating, over 120 cards/hour with dual sided lamination (YMCK\_K w/1.0 mil laminate)
- Laminate type detection/recognition system
- Card feeder capacity: 200 cards (30 mil)
- Card Output Hopper capacity: 100 cards (30 mil)
- 4MB of Standard Memory
- Reject Card Box Feature detects any printing & encoding errors
- Easy to use two line 32 digit interactive menu driven control panel
- Windows Drivers for 95/98, 2000, ME and NT 4.0
- Bi-directional driver communication
- One year printhead warranty (unlimited passes)
- Powerful EPPL (Eltron Printer Program Language)

## Color Printing

- Color dye sublimation or monochrome thermal transfer printing
- 30 seconds per card (YMCK\_K and dual sided lamination)
- 300 dpi (11.8 dots/mm) print resolution
- 16.7 million colors

## Bar Codes

- Code 39
- Code 128 B & C with & without check digit
- 2 of 5 & 2 of 5 Industrial
- UPC-A
- EAN 8 & EAN 13
- PDF-417 2D bar code and other symbologies available via Windows driver

## Fonts

- Resident: Arial Normal 100, Arial Bold 100
- True Type fonts available via Windows driver

## Card Specifications<sup>1</sup>

- Types: PVC & Composite PVC (when laminating always use Composite PVC cards)
- Card width/length: ISO CR-80 - ISO 7810, 2.125" (54mm) X 3.385" (86mm)
- Option: Magnetic Stripe - ISO 7811
- Option: Smart Card – ISO 7816-2
- Card thickness: 30 mil to 50 mil

Note 1: Recommended types of cards. Always use Eltron Certified Media.

## Ribbon Specifications

- Monochrome: 1500 cards/roll
- Monochrome colors: black, red, blue, green, yellow, silver, gold, white, Scratch-Off Grey
- YMC: 500 cards/roll
- YMCK: 400 cards/roll
- YMCKK: 350 cards/roll
- YMCKO: 350 cards/roll
- YMCKOK: 250 cards/roll

## Laminate Specifications

- Wasteless/Linerless laminate (1.0 mil)
- Two laminate cassettes (upper and lower): 800 cards per roll
- Clear and holographic laminate available:
  - Full card coverage
  - Coverage to allow for Magnetic Stripes
  - Coverage with Signature Panel (back of card)
  - Standard Holograms
  - Custom Holograms (various types available)

## Bi-directional Communication Interface

- Centronics Parallel (cable included)
- USB (standard)

## Mechanical

- Width: 37.2" (947mm)
- Depth: 10.9" (258mm)
- Height: 12.4" (278mm)
- Weight: 61 lbs (28kg)

## Electrical

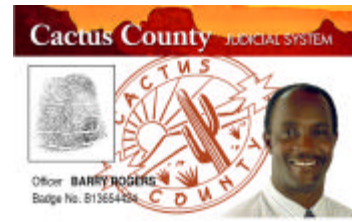
- 110 - 230 Volts AC, 50/60 Hz
- FCC Class A, CE, UL and CUL approved

## Environmental

- Operating Temperature: 60°F to 86°F (15°C to 30°C)
- Operating humidity: 20% to 65% non condensing
- Storage temperature: -23°F to 158°F (-5°C to 70°C)
- Storage Humidity: 20% to 70% non-condensing
- Ventilation: Free air

## Options

- Smart Card Contact Station
- Magnetic encoder
- Extended warranty program
- Cleaning supplies



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