



## POLAROID P5000E CARD PRINTER

### Standard Features

- ◆ Single- or double-sided, edge-to-edge printing
- ◆ Single- or double-sided lamination
- ◆ Full-color or monochrome printing
- ◆ Full-color printing: Up to 175 cards per hour print speed (YMCK ribbon) with front-side lamination
- ◆ Bi-directional Ethernet and USB connectivity
- ◆ Input hopper holds 100 - .030 in. (.76mm) cards (200 card hopper optional)
- ◆ Output hopper holds 40 - .030 in. (.76mm) cards (100 card hopper optional)
- ◆ Microsoft® Vista®, Windows® 2000 and XP operating system printer driver
- ◆ Driver printer pooling for Vista, Windows 2000 and XP operating systems
- ◆ Polaroid PCID-E Printer Driver
  - User-adjustable image and color controls
  - User-defined print and topcoat panel blocking region
  - Stand-alone printer diagnostics
  - Color image preview and color preview test card, provides the ability to load a custom bitmap for the color settings preview
  - Online user help via driver and E-guide
  - Audit trail, picked card and completed card counters available from driver
  - Ability to laminate cards without printing
  - The Vista, Windows XP and 2000 operating system driver runs in user mode and installs on Windows Server™ 2003 operating system.
- ◆ LCD panel with audio and visual message prompts
- ◆ Automatic card feed
- ◆ RFID Supplies with enhanced features
  - Automatic ribbon identification and validation
  - Automatic laminate and topcoat identification and validation
  - Automatic printer settings and offsets
  - Ribbon low warning
- ◆ Increased capacity user-replaceable cleaning roller
- ◆ Operator-replaceable print heads
- ◆ Easy-change ribbon cartridge replacement
- ◆ Easy-change laminate and topcoat cartridge replacement
- ◆ 24-month standard warranty for printer and printhead

### Standard Specifications

- ◆ Print Capabilities
  - Edge-to-edge printing
  - Continuous-tone, full-color, black-and-white photos
  - Alpha numeric text, logos and digitized signatures
  - Variety of bar codes and background patterns
- ◆ Lamination and topcoat capabilities
  - Single-sided lamination standard with option for dual lamination
  - Both topcoat or patch lamination in any laminator
  - Printer automatically adapts to supply type
  - Superior laminate patch coverage
- ◆ Print resolution: 300 dots per inch; 256 shades
- ◆ Plastic Cards Accepted
  - Size: 3.370 in. (85.6mm) x 2.125 in. (54.0mm)
  - Type: PVC with glossy laminate surface, other core materials with PVC overlaminates are optional
  - Thickness (± 10%):
    - Printing only: 0.020 to 0.050 inches (0.508 to 1.270 mm)
    - Printing and laminating: 0.030 to 0.050 inches (0.762 to 1.27 mm)
    - Magnetic stripe (not laminated) 0.020 to 0.040 inches (0.508 to 1.016 mm)
    - Magnetic stripe (laminated) 0.030 to 0.040 inches (0.762 to 1.016 mm)
    - Smart card chip (contact) 0.030 to 0.040 inches (0.762 to 1.016 mm)
    - Smart card chip (non-contact) 0.030 to 0.050 inches (0.762 to 1.270 mm)
- ◆ Electrical Requirements
  - Dual voltage-auto sensing
  - 100/120V, 50/60 Hz and 220/240V, 50/60 Hz

- ◆ Resident Memory: 16MB
- ◆ Climate Conditions
  - 60° to 95°F (15° to 35°C)
  - 20% to 80% non-condensing humidity
- ◆ Storage Conditions
  - 5° to 140°F (-15° to 60°C)
  - 10% to 90% humidity
- ◆ Physical Dimensions
  - Small footprint: 23.1" L x 9.92" W (586.74 mm L x 251.97 mm W)
  - Height: 18.82" to 23.52" (478.03 mm to 597.41 mm) depending on hopper options
  - Weight: less than 27 pounds without supplies

### Supplies

- ◆ Ribbon Kit: 1 print ribbon, one adhesive cleaning sleeve, and one alcohol cleaning card
- ◆ Ribbons Available
  - YMCK (three colors, black) – up to 500 images per roll
  - YMCK-K (three colors, black front, black back) – up to 500 images per roll
  - YMCKT-K (three colors, black front, topcoat, black back) – up to 375 images per roll
  - YMCKF-KT (three colors, black, fluorescent ultraviolet, black, topcoat) – up to 300 images per roll
  - YMCKT-KT (three colors, black, topcoat, black, topcoat) – up to 300 images per roll
  - YMCKT (three colors, black and topcoat) – up to 250 or 500 images per roll
  - YMCKT (three colors short panel, black and topcoat) – up to 650 images per roll
  - KT (black with topcoat) – up to 1000 images per roll
  - K (black) – at least 1500 images per roll
  - Other monochrome colors available (red, dark blue, silver, white, scratch-off gray)
- ◆ Security laminates and topcoats available in standard or custom configurations. Thickness options range from .5 mil to 1.0 mil
- ◆ Cleaning Supplies
  - Alcohol cleaning card and cleaning pen
  - Adhesive cleaning sleeve
- ◆ Storage Conditions for Supplies
  - 32° to 77°F (0° to 25°C)
  - 40% to 60% humidity
  - No direct exposure to sunlight

### Agency Approvals

- ◆ Safety Approvals: CE, UL, cUL
- ◆ FCC Emissions: FCC CFR 47, part 15, subparts b and c, class A
- ◆ European EMC
  - Emissions: EN55022:1998, Class A
  - Immunity: EN55024:1998
- ◆ RTTE: ETSI 300-330-2, ETSI 300-489-3:2000

◆ WEEE

◆ RoHS

### Options

- ◆ Dual laminator
- ◆ Magnetic stripe encoding: IAT; Dual high and low coercivity; Tracks 1, 2 and 3 (1 track for NTT)
- ◆ Smart card personalization
  - Contact/contactless all-in-one reader
  - Contact station
  - HID® iCLASS® HID PC Prox
- ◆ Magnetic stripe and smart card field upgradeability
- ◆ Hardware lock suite
- ◆ High-capacity 200 card input hopper
- ◆ High-capacity 100 card output hopper
- ◆ Input hopper empty option
- ◆ Laminate and topcoat cartridge assembly
- ◆ Adhesive-backed plastic cards
- ◆ Replacement printheads

\*Microsoft® Vista® printer driver available late summer, 2007