**CARD PRINTER SPECIFICATIONS**

**STANDARD PRINTER FEATURES**

- **Printer design:**
  - Compact printer for desktop environment
  - Available in fire red or brilliant blue
  - LED control panel

- **Print technology:**
  - Direct-to-card
  - Dye-sublimation/resin thermal transfer

- **Print capability:**
  - One- or two-sided printing, edge-to-edge
  - Print resolution:
    - 16 million colors
    - Standard mode: 300x300 dpi (dots per inch)
    - For standard monochrome and color printing
    - Extended mode: 300x600 dpi (dots per inch)
    - For enhanced monochrome and color printing
    - Extended mode: 300x1200 dpi (dots per inch)
    - For enhanced monochrome printing

- **Printing performance:**
  - Color YMCKO: 190 - 225 cards/hour
  - Color YMCKO-K: 140 cards/hour
  - Monochrome: 800 - 1000 cards/hour

- **Printer memory:**
  - 32 MB (RAM)

- **Interfaces:**
  - USB (1.0, 1.1, 2.0, 3.0)
  - Ethernet TCP/IP, 10BaseT, 100BaseT (Traffic-Led)

- **Safety:**
  - Support for Kensingtong™ security lock
  - Data encryption for magnetic encoding

- **User-friendly operation:**
  - Front full operation
  - Graphical notifications from the printer: cleaning alerts, low/empty ribbon and card alerts, etc.
  - Easy to reach on/off button
  - Easy access to technical parts thanks to side opening
  - Checking of the card level at a glance
  - Drop-in cassette with easy handling
  - Operator replaceable print head

- **Warranty:**
  - 3-year warranty on printer
  - 3-year warranty on original print head (unlimited passes)

**OPTIONAL PRINTER FEATURES**

- **On-site dual-sided printing activation by a RFID key**
- **Dual-sided Card Lamination Module (CLM)**
- **64 MB (RAM)**
- **USB encoding over IP through additional USB Net Server module, upon request**
- **Open output hopper for collecting cards one by one**
- **Wireless range:** wireless connection 802.11 b/g
- **Electronic and mechanical locking system** to prevent access to the printer and consumables (cards & ribbons)
- **Color touch-screen display**
- **Warranty extension program**

**ENCODING OPTIONS**

- **Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 30mil cards only)**
- **Magnetic stripe encoder JIS Type II**
- **ISO 7813 smart card contact station for 3rd party external contact encoder**
- **Contact smart encoder - PC/SC, EMV 2000-1**
- **Contactless ISO 14443A, B, ISO 15693, MIFARE, DESFire, HID iCLASS, UHF encoder: ET51 (EN or FCC (part 15.247) standard compliance: EPC C1 Gen2 / ISO18000-6C**
- **Other specific encoders upon request**
- **Internal USB or IP ports**
- Options can be combined
- Factory-installed or installed on-site

**SOFTWARE**

- **Printed with Evolis Premium Suite® for Windows®:**
  - Driver print
  - Evolis Print Center for administration and settings
  - Evolis Printer Manager for graphical notifications
  - 24/7 online support
  - Compatible with Windows® XP SP3 32/64, Vista 32/64, W7 32/64, W8 32/64, W10
  - User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Japanese, Korean, Russian, Polish, Turkish, Farsi
  - Delivered with cardPresso XXS for designing and editing badges:
    - Internal database (unlimited records)
    - Signature acquisition (compatible with Evolis Sig100 and Sig200 signature pads)
    - Compatible with Windows® XP SP3 32/64, Vista W7 32/64, W8 32/64 and Mac OS X (Intel®)
  - Delivered with a driver for Mac OS X (from 10.5 onwards)
  - Linux OS, upon request
  - Evolis Premium SDK for remote supervision of the printer, while facilitating and speeding up integration into IT systems

**PRINTER RIBBON SPECIFICATIONS**

- **Ribbon specifications:**
  - YMCKO:
    - 300 prints/roll
  - YMCKO-K:
    - 200 prints/roll (dual-sided)
  - YMCKO-O:
    - 400 prints/roll
  - SO-KO:
    - 250 prints/roll (dual-sided)
  - SO-KO-O:
    - 600 prints/roll
  - 1/2 YMCKO:
    - 250 prints/roll (dual-sided)
  - 1/2 YMCKO-K:
    - 200 prints/roll (dual-sided)
  - KO:
    - 400 prints/roll
  - KO-O:
    - 600 prints/roll
  - KO-K:
    - 800 prints/roll
  - Black monochrome ribbon:
    - 2000 prints/roll
  - Metallic gold monochrome ribbon:
    - 1000 prints/roll
  - Metallic silver monochrome ribbon:
    - 1000 prints/roll
  - Metalic black monochrome ribbon:
    - 600 prints/roll
  - Scratch-off monochrome ribbon:
    - 1000 prints/roll
  - Hologram vanish ribbon:
    - 400 prints/roll

**CARD SPECIFICATIONS**

- **100-card input hopper capacity (0.76mm - 30mil)**
- **100-card output hopper capacity (0.76mm - 30mil)**
- **50-card reject tray / output hopper capacity (0.76mm - 30mil)**
- **Card thickness:** 0.25 to 1.25mm (10 to 50mil)
- **Gauge adjustment:** 0.25mm (10mil) only for monochrome printing
- **Input hopper low card level and empty detection**

**PRINTING SPECIFICATIONS**

- **Physical dimensions (H x W x D):**
  - 247 x 205 x 487 mm (9.72" x 8.07" x 19.17")
  - 247 x 205 x 487 mm (9.72" x 8.07" x 19.17")
  - Weight:
    - 4.02 kg (8.86 lbs)
    - With reject tray / output hopper: 4.11 kg (8.86 lbs)

- **Electronic requirements:**
  - Power supply: 100-240 Volts AC, 50-60 Hz, 1.7 A
  - Printer: 24 volts DC, 2.71 A

**OPERATING ENVIRONMENT**

- **Min / Max operating temperature:** 15° / 30° C (59° / 86° F)
- **Humidity:** 20% to 65% non-condensing
- **Min / Max storage temperature:** -5° / +70° C (23° / 158° F)
- **Storage humidity:** 20% to 70% non-condensing
- **Operating ventilation:** free air

**SOUND (evaluated according to the ISO 7779 standard)**

- **Sound pressure in assistant positions (color mode YMCKO®):**
  - When operating: 48 dB (A)
  - In sleep mode: background noise level

**CERTIFICATIONS / COMPLIANCES**

- **Standby, sleep modes & reduced energy consumption**
- **Recyclable enclosure plastics**
- **CE, FCC, ICES, VCCI, CCC, KC, Bis, EAC**
- **RoHS®**
- **Recyclable packaging**

**INCLUDED WITH THE PRINTER**

- **CD with drivers and user’s manuals**
- **DVD with cardPresso XXS card designer software**
- **Quick Start Guide**
- **Warranty booklet**
- **Start cleaning kit**
- **USB cable (1.80m)**
- **Reject tray / Output hopper**
- **Power supply**
- **Power cord (region specific)**

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