QUANTUM

The industrial card printer for high-volume badge personalization

Color & Monochrome Thermal Transfer	300 dpi	Dual-Sided	32 s/card (YMCKO/K)	1000 cards	0.76mm (30mil)

www.evolis.com

evolis Card Printer

QUANTUM

With a total printing capacity of 1000 cards, the Quantum is the ideal dual-sided printer for high-volume badge personalization

Thanks to its 1000 card feeders, hoppers and ribbons, the **Quantum** is the only printer on the market to offer such printing capacity in color. This capacity is even greater in monochrome thanks to a 5000 card black ribbon.

The **Quantum** is the ideal solution for markets that require volume and capacity: service bureau, access control, time attendance, healthcare, telecommunications...

The **Quantum** not only prints your high resolution texts, logos, photos and bar codes, but also offers the options of magnetic encoding, smart card encoding and contactless card personalization.

Fitted with two feeders and two hoppers completely independent of each other, the **Quantum** card printer is able to generate several printing and/or encoding works on different types of card at the same time. The re-stacking system adapted on the output hoppers sorts out your cards in the order of printing.

Quantum: industrial printing in complete simplicity!

Print Mode
- Color dye sublimation and monochrome thermal transfer
- Edge-to-edge printing as standard

Printer Specifications
- Flip-over module
- Card reject boxes
- Integrated ribbon saver for monochrome printing

Print Speed
- 140 cards/hour in full color (YMCKO), 1 side
- 110 cards/hour in full color (YMCKO/K), 2 sides
- Up to 1000 cards/hour[1] in monochrome, 1 side
- Up to 350 cards/hour in monochrome, 2 sides

Resolution
- 300 dpi (11.8 dots/mm)

Windows™ Drivers
- For Windows™ NT 4.0 / 2000 and Xp

Warranty
- Printer: 1 year
- Print head: 1 year or 500 000 passes[2]

Ribbon Types
- Monochrome black ribbon: 5000 cards/roll
- Other monochrome ribbons available: 1000 cards/roll (available in black, blue, red, green, white, gold, silver and scratch off)
- 2 panel monochrome ribbon (KO): 500 cards/roll
- 5 panel color ribbon (YMCKO): 1000 cards/roll
- 6 panel color ribbon (YMCKO/K): 800 cards/roll
- 1/2 panel color ribbon (YMCKO): 400 cards/roll
- Hologram ribbon: 350 cards/roll

Other printer models

Quantum Mag	Quantum Smart	Quantum Contactless
Printer with HICO / LOCO magnetic stripe encoder - ISO 7811	Printer with smart card contact station - ISO 7816-2	Printer with contactless smart card reader / encoder (available upon study)

1- Under specific conditions
2- Clause governing the use of Evolis consumables

Card types	All PVC and Composite PVC cards
Card format	ISO CR-80 (53.98 mm x 85.60 mm - 3.375” x 2.125”)
Card thickness	0.76 mm (30 mil)
Card feeder capacity	2 x 500 cards (0.76 mm - 30 mil)
Card output hopper capacity	2 x 500 cards (0.76 mm - 30 mil)
Card reject box capacity	2 x 25 cards (0.76 mm - 30 mil)
Printer size	• Height: 510 mm (20.07”) • Width: 700 mm (27.55”) • Depth: 300 mm (11.81”)
Printer weight	25 Kg (55 lbs)
Communication interface	USB and Parallel Centronics (cables supplied)
Electrical	110~230 Volts CA, 60~50 Hertz
Environmental	• Min / Max operating temperatures: 15° / 30° C (59° / 86° F) • Humidity: 20% to 65% non-condensing • Min / Max storage temperatures: -5° / +70° C (23° / 158° F) • Storage humidity: 20% to 70% non-condensing • Operating ventilation: free air

evolis Card Printer

www.evolis.com

Headquarters: Evolis Card Printer
29, avenue de la Fontaine - Z.I. Angers Beaucouzé
49070 BEAUCOUZÉ - France
Tel : +33 (0) 241 367 606
Fax : +33 (0) 241 367 612
info@evolis.com - www.evolis.com

Evolis Asia / Pacific
151 - D King’s Road, #17-14
SINGAPORE 268161 - Singapore
Tel : +65 4745901
Fax : +65 4765771

DOUBLE YOU

© 2003 Evolis Card Printer. All rights reserved. Evolis reserves the right to change the product specifications at any time without notice. All other names and trademarks are the property of their respective owners. September 2003.