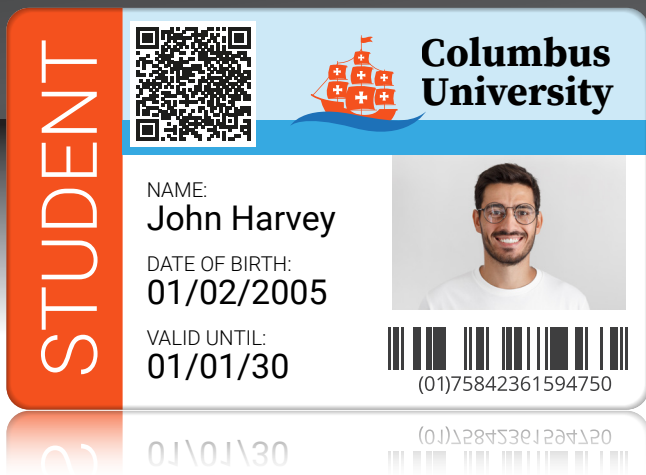


MC310

Printing secure ID cards has never been so easy.



Matica's MC310 has been designed to simplify card issuance, thanks to its user friendly, 'plug & print' operation.

This **versatile** printer can be upgraded from single to dual-sided and is available with multiple secure card encoding options. Its extensive chromXpert™ ribbon program and seamless integration with both lamination and laser options makes it ideal for **secure** ID projects and high volume issuance.

Robust and **reliable**, its ruggedized, stylish design makes it suitable for use in any environment. Its excellent build quality is backed by an **industry-leading** four year warranty.

Print type Dye sublimation	300 dpi Resolution	Print mode 1 or 2 sided	180 cph Full colour	1000 cph Monochrome
Warranty 4 years	Easy to use Plug & print	x100 Input capacity	Encoding options	Lamination Inline - optional



MC310 delivers...

- ▶ High quality TruEdge 300dpi printing
- ▶ Up to 180 color cards per hour
- ▶ Versatility - including multiple encoding, lamination and laser options
- ▶ Robust, reliable build quality
- ▶ Extensive consumables program, including secure ribbons
- ▶ 4 years warranty

Ideal for

- ▶ Secure ID projects
- ▶ Mid to high volume card issuance



MC310

Specifications



Printer specifications

Print technology

Dye-sublimation, direct-to-card

Print resolution

300 x 300 dpi

Print area

TruEdge (CR-80 cards)

Print speed

- 180 cph (YMCKO single side, batch)
- 1000 cph (monochrome printing)

Print mode

Single or dual-sided (optional)

Printer memory

128 Mb

Communications interface

USB 2.0, Ethernet 10BaseT, 100BaseT

Easy to use, plug and print operation

- LCD display with graphical notifications
- 4 x LED status indicators
- Full front operation
- Drop in ribbon cassette with easy handling
- Automatic ribbon identification and setting
- Easy reach power button
- Easy maintenance access

Printer security

Support for Kensington® security lock

Printer dimensions (HxWxD)

256 x 202 x 405 mm / 10.6" x 7.9" x 15.9"

Weight

10 kg, 22 lbs

Power supply

- 220-240V/110-115V, 50-60 Hz
- Standby mode and reduced power consumption

Operating environment

- Temperature: 15°C - 40°C, 59°F - 104°F
- Humidity: 20% - 65% (non-condensing)

Storage conditions

- Temperature: -5°C to -70°C, 23°F to 158°F
- Humidity: 20% to 70% (non-condensing)

Sound (ISO 7779)

Sound pressure less than 48dB (A)

Certifications

RoHs, CE, FCC, CQC, UL, WEEE, Proposition 65 (California, USA)

Warranty

4 years (subject to the use of chromXpert® ribbons)

Card specifications

Input hopper capacity

- Batch: 100 cards (0.76 mm / 30 mil thickness)
- LED card level indicator
- Single card exception feeding

Output hopper capacity

30 cards (front)
80 cards (rear/reject)

Card thickness

- 0.25 mm - 1.25 mm / 10 mil - 50 mil
- Gauge adjustment

Card types

CR-80 PVC, PVC-C, rewritable cards

Software specifications

XPS printer driver

Windows® (32/64bit) 7, 8.1, 10, 11, Server 2012, 2016, 2019

Integration tools

- EDIsecure® middleware
- SDK available for system integrators

Options

Magnetic stripe encoding

ISO 7811 HiCo/LoCo (factory fit only)

Smart card / Contactless encoding

- Contact PC/SC, EMV compliant
- Smart contact station: ISO 7816-2
- ISO14443A, B, ISO15693, MIFARE®, DESFire®, HID iClass®

Inline lamination

Single or dual-side, sold with compatibility plinth



Printer security

- Mechanical locks
- Electromagnetic locks

Communications interface

WiFi 802.11 a/b/g
Single wire encoding

Dual-side activation kit

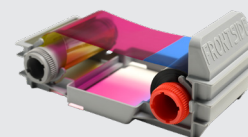
Part No.

Available soon
Available soon

PR10300016

chromXpert Consumables

- To ensure print quality and card durability, printhead lifespan and overall printer reliability, use chromXpert ribbons only.
- Supply cores and cassettes are recyclable. Packaging is recycled.



ChromXpert™ ribbon program	Part No.
• YMCKO (250 prints)	Platinum: PR20307301 Diamond: PR20319301
• YMCKO-K (200 prints)	Platinum: PR20307302 Diamond: PR20319302
• ymc-KO (400 prints, half panel)	PR20319303
• KO (600 prints)	PR20305304
• YMCSckO (200 prints)	Available soon
• Monochrome K (2000 prints)	PR20314305
• Monochrome: Silver (500 prints)	PR20314306
• Monochrome: Gold (500 prints)	PR20314307
• Monochrome: White, Red, Green, Blue, Scratch-off (1000 prints)	Also available
Cleaning kit	PR20309601



Global offices

Europe: Switzerland, UK, Germany and Italy

Asia: Malaysia, China and India

USA: South Carolina, Minneapolis and San Francisco

Middle East: Dubai

