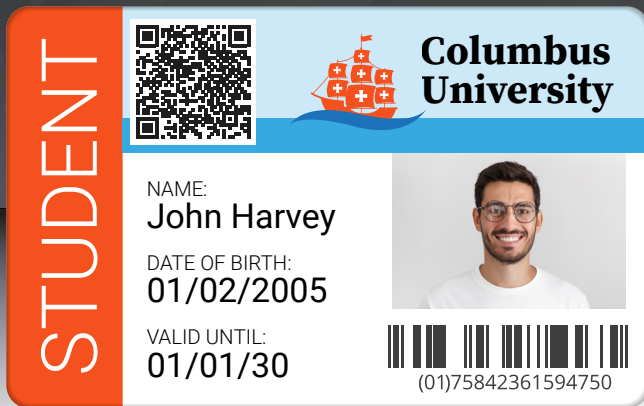


MC310

Warranty



Best-in-class secure ID card issuance



Matica's MC310 is unrivalled in its **versatility**. It can be upgraded from single to dual-sided and is available with multiple secure card encoding options.

Its extensive chromXpert™ consumable program includes secure UV and Sc (pearlescent) ribbon options.

The MC310 integrates seamlessly with both lamination and laser options making it ideal for **secure** ID projects and high volume issuance.

Its excellent build quality is backed by an **industry-leading** four year warranty.

MC310 delivers...

- ▶ Versatility - including multiple encoding, lamination and laser options



- ▶ Extensive consumables program, including secure ribbons
- ▶ High quality TruEdge 300dpi printing
- ▶ Up to 180 color cards per hour

Ideal for...

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

Print type Dye sublimation	300 dpi Resolution	Print mode 1 or 2 sided	180 cph Full color	1000 cph Monochrome
Easy to use Plug & print	Input capacity 100	Output capacity 30 front / 80 back	Ethernet Ethernet	LCD display LCD display
Reject bin Reject bin	Rewritable Rewritable	Cards left Cards left	Single wire Single wire	Encoding Encoding

WiFi WiFi	Secure ribbon Secure ribbon	Lamination Lamination	Printer drivers Printer drivers
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MC310

Printer specifications

Print technology

- Dye-sublimation, direct-to-card

Print resolution

- 300 dpi

Print area

53.98 x 85.6mm / 3.370" x 2.125" (CR-80 cards)

Print speed

- 180 cph (YMCKO single-side)
- 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

6.8 kg, 15 lb

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

- 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 / MacOS

- Windows® (32/64bit) 7, 8.1, 10, 11, Server 2012, 2016, 2019, 2022.
- MacOS Mavericks 10.9 to Ventura 13.1

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

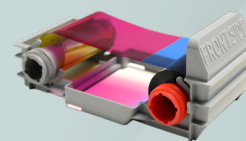
Dual-side activation kit

PR10300016



Consumables chromXpert

- To ensure print quality and card durability, printhead lifespan and overall printer reliability, use chromXpert ribbons.
- 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
• GOKO (250 prints)	Platinum: PR20305391
• SOKO (250 prints)	Platinum: PR20305392
• UcYMCK (250 prints) For use with PC/PET cards only	PR20307382
• Monochrome K (up to 2000 prints)	PR20314305
• Monochrome KO (600 prints)	PR20305304
• Mono: Silver (up to 500 prints)	PR20314306
• Mono: Gold (up to 500 prints)	PR20314307
• Monochrome: White, Red, Green, Blue, Scratch-off (up to 1000 prints)	Also available
Cleaning kit	PR20309601



Global offices

Europe: Switzerland HQ, Italy, UK and Germany

Asia: Malaysia, China and India

USA: Minneapolis HQ, South Carolina and San Francisco

Middle East: Dubai



Authorized reseller / System integrator

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