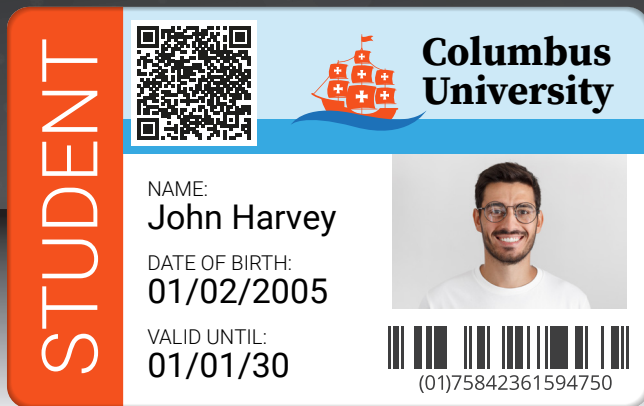


# MC310

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

<b>Print type</b>  Dye sublimation	<b>300 dpi</b>  Resolution	<b>Print mode</b>  1 or 2 sided	<b>180 cph</b>  Full color	<b>1000 cph</b>  Monochrome
<b>Easy to use</b>  Plug & print	<b>Input capacity</b>  100	<b>Output capacity</b>  30 front / 80 back	<b>Ethernet</b>  Ethernet	<b>LCD display</b>  Ready
<b>Reject bin</b>  Reject bin	<b>Rewritable</b>  Rewritable	<b>Cards left</b>  Indicator	<b>Single wire</b>  Encoding option	<b>Encoding</b>  Options
			<b>WiFi</b>  Option	<b>Secure ribbon</b>  Options
				<b>Lamination</b>  Inline - option

# 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

10 kg, 22 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

Windows® (32/64bit) 7, 8.1, 10, 11, Server 2012, 2016, 2019, 2022

### 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

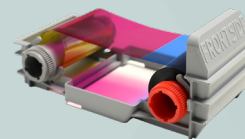
### Dual-side activation kit

PR10300016



## 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: <b>PR20307301</b> Diamond: <b>PR20319301</b>
• YMCKO-K (200 prints)	Platinum: <b>PR20307302</b> Diamond: <b>PR20319302</b>
• ymc-KO (400 prints, half panel)	<b>PR20319303</b>
• KO (600 prints)	<b>PR20305304</b>
• YMCScKO (200 prints)	<b>Available soon</b>
• GOKO (250 prints)	Platinum: <b>PR20305391</b>
• SOKO (250 prints)	Platinum: <b>PR20305392</b>
• UcYMCK (250 prints) For use with PC/PET cards only	<b>PR20307382</b>
• Monochrome K (up to 2000 prints)	<b>PR20314305</b>
• Monochrome KO (600 prints)	<b>PR20305304</b>
• Mono: Silver (up to 500 prints)	<b>PR20314306</b>
• Mono: Gold (up to 500 prints)	<b>PR20314307</b>
• Monochrome: White, Red, Green, Blue, Scratch-off (up to 1000 prints)	<b>Also available</b>
<b>Cleaning kit</b>	<b>PR20309601</b>



## 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



MC310 Datasheet A4 UK V3

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Authorized reseller / System integrator