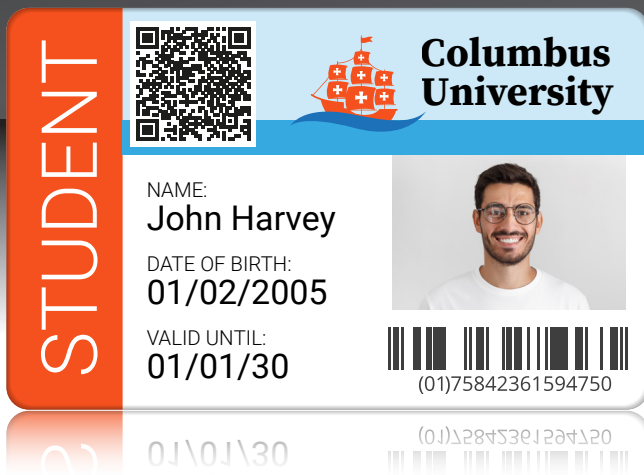


# MC310

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.

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

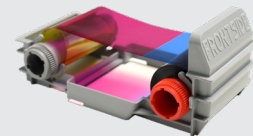
Available soon

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: <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>
• Monochrome K (2000 prints)	<b>PR20314305</b>
• Monochrome: Silver (500 prints)	<b>PR20314306</b>
• Monochrome: Gold (500 prints)	<b>PR20314307</b>
• Monochrome: White, Red, Green, Blue, Scratch-off (1000 prints)	<b>Also available</b>
<b>Cleaning kit</b>	<b>PR20309601</b>



## Global offices

**Europe:** Switzerland, UK, Germany and Italy

**Asia:** Malaysia, China and India

**USA:** South Carolina, Minneapolis and San Francisco

**Middle East:** Dubai



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MC310 Datasheet A4 UK V1

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Authorized reseller / System integrator

