MC310

Warranty

4 years

Best-in-class secure ID card issuance

STUDENT

Columbus University

NAME:
John Harvey

DATE OF BIRTH:
01/02/2005

VALID UNTIL:
01/01/30

(01)75842361594750
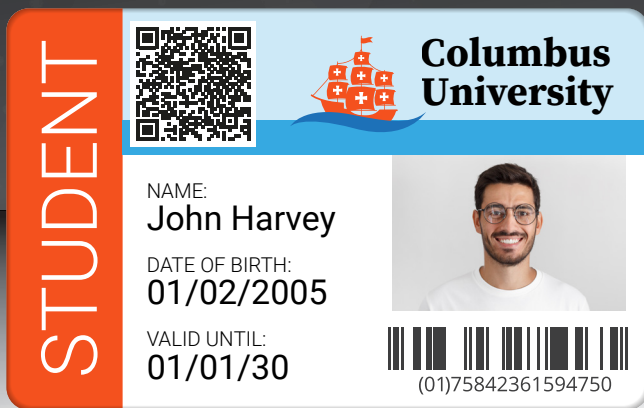
Matica's MC310 is unrivalled in its **versatility.** It can be upgraded from single to dual-sided and is available with multiple secure card encoding options.

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	300 dpi	Print mode	180 cph	1000 cph
Dye sublimation	Resolution	1 or 2 sided	Full color	Monochrome

Easy to use	Input capacity	Output capacity	Ethernet	LCD display
Plug & print	100	30 front / 80 back		Ready

Reject bin	Rewritable	Cards left	Single wire	Encoding	WiFi	Secure ribbon	Lamination	Printer drivers
	ABC	Indicator	Encoding option	Options	Option	Options	Inline - option	Windows® / Mac

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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: 15ºC - 40ºC, 59ºF - 104ºF
• Humidity: 20% - 65% (non-condensing)

Storage conditions

• Temperature: -5ºC to -70ºC, 23ºF to 158ºF
• 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 compatiblilty plinth

Printer security

• Mechanical locks
• Electromagnetic locks
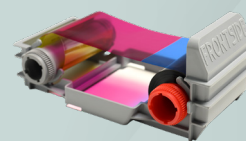
Communications interface

• WiFi 802.11 a/b/g
• Single wire encoding

Dual-side activation kit	PR10300016

Consumables

chrom**X**pert

• 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**
• 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) • Mono: Gold (up to 500 prints)	**PR20314306** **PR20314307**
• Monochrome: White, Red, Green, Blue, Scratch-off (up to1000 prints)	**Also available**
Cleaning kit	**PR20309601**

MATICA GROUP

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Authorized reseller / System integrator