



Competitive Technical Features Overview

Single Sided Monochrome Rewritable Cards Printer with price < 3000 Euros

Manufacturer	Evolis	Clearjet	Star Micronics	Panasonic
Printer Model	Tattoo Rewrite	CX-One	TCP 300/400	KU-R3000
Launch Date	2006	2001	2001 / 2006	2002
Retail Price	1640 €	1985 €	#	#
W/ Mag Stripe Encoder	1990 €	2447 €	1599 €	Not communicated
W/ Contactless Coupler	2200 €	2643 €	#	Not communicated
Printing Technology	Direct Thermal Rewritable	Direct Thermal Rewritable	Direct Thermal Rewritable	Direct Thermal Rewritable
Card Types (CR-80)	PVC, PET, Paper (one time thermal)	PVC, PET, Paper (one time thermal)	PET, Paper (one time thermal) / PVC	PET, Paper (one time thermal)
Resolution	300dpi	200dpi (300dpi optional)	200dpi	200dpi
Printing area	48 x 80 mm (1.90" x 3.15")	48 x 76 mm (1.90" x 3.00")	40 x 56 mm / 40 x 68 mm	40 x 56 mm (1.57" x 2.20")
Erase/print cycle speed	8 sec/card	10 sec/card	3/5 sec/card	Not communicated
Card thickness min/max	0.25-0.76 mm (10-30 mil)	0.30-0.90 mm (12-35 mil)	0.16-0.26 mm / 0.68-0.84 mm	0.19-0.31 mm (7-12 mil)
Card thickness adjustment	Automatic	Automatic	No	Automatic
Card parameters set up	Driver	DIP Switches	Driver	Not communicated
Card loading mode(s)	Automatic by feeder & Hand Feed	Automatic Feeder & Hand-feed	Hand-feed	Hand-feed
Standard card feeder	Yes	No (optional)	No (OEM version only)	No (OEM version only)
Card feeder capacity	100 cards (30 mil) ~ 300 cards (10 mil)	50 cards (30mil) ~ 150 cards (10 mil)	300 cards (OEM version only)	(OEM version only)
Exit hopper capacity	#	30 cards (30mil)	#	#
Cleaning procedure	Every 500 cards	Every 1000 cards	Every 300 cards	Not communicated
Visual Error Prompt	LED's	LED's	LED's (LCD on Standalone version)	LED's (LCD on Standalone version)
Dual Co mag. stripe encoding	Yes – Dual HICO/LOCO	Yes – Dual HICO/LOCO	HICO only	Yes – Dual HICO/LOCO
Number of tracks	3 tracks	3 tracks	3 tracks	3 tracks
Optional RF Encoder	Yes – ISO 14443A / MIFARE	Yes - ISO14443 / 15693	No	Yes
Supported Windows drivers	W2000, NT 4.0 and XP	W95/98/2000, Me, NT 4.0 and XP	W95/98/2000, Me, NT 4.0 and XP	Not communicated
Standard communication Interfaces	USB and Centronics	USB and RS232	RS232 or USB	RS232 (x2)
Additional/optional Interfaces	RS232	RS232	Ethernet	No
Standard interface cables	Yes	Yes	No	Not communicated
Keyboard connection	Yes with Stand-Alone version	No	Yes (MCD2000 optional) Integrated in TCP 300V version	Integrated in KU-R10000Version
Print head Warranty	1 year	1 year - 200000 prints	1 year	1 year
Printer Warranty	1 year	1 year / 1000000 prints	1 year / 500000 prints	1 year
Field Replaceable Print Head	Yes - No tool required	Yes - No tool required	Yes - Tool required	Yes - Tool required
Printer dimensions (H x W x L)	166 x 187 x 290 mm (6.53" x 11.42" x 7.36")	190 x 170 x 295 mm (7.48" x 6.69" x 11.61")	132.5 x 119 x 270 mm (5.22" x 4.68" x 10.63")	143 x 110 x 251 mm (5.63" x 4.33" x 9.88")
Printer weight	2,5 Kg (5.5 lbs)	3 Kg (6.5 lbs)	2,5 Kg (5,5 lbs)	2,2 Kg (4.8 lbs)
Safety	CE	CE	CE / UL	Not communicated
EMC	CE / FCC – B Class	CE – A Class	CE	Not communicated

*Star Micronics sells to its distributors (worldwide) in USD. Therefore, to compare the pricing in Euro, we use 1€ = 1.25 USD.

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