

Multifunctions Printer

The SM-5 is designed to be the ultimate printing solution for transactional applications and financial service.

A complete set of options , fulfils special requirements like magnetic strip and cheque code line recognition, high speed with colour image capture and processing , automatic detection and selection of the printable page on passbook , high thickness documents handling like passports .

Replaces the requirements of all the existing front-desk printing and scanning devices with ONE integrated peripheral.

□ □ □ □ □ □ □ **High Printing Speed** □ □ □ □ □ □ □



Magnetic Strip Reader / Writer & MICR

- Passbook magnetic stripe
- Cheque code-line recognition
- High decoding speed and efficiency



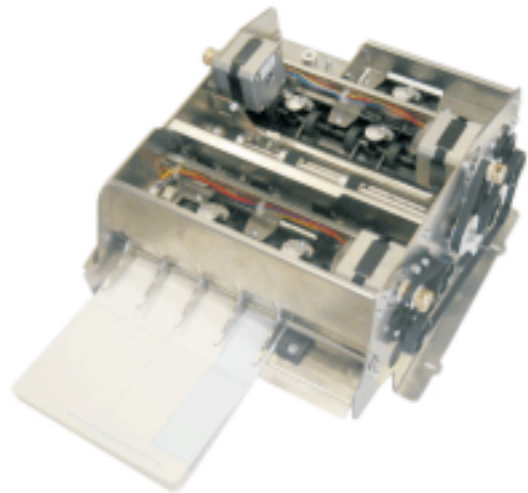
High speed colour scanner



- HIGH speed and Colour scanning of documents (up to A4 format , passbook)
- Single pass front - rear scanning
- Cheques truncation solution by image substitutes
- Automatic data capture from documents (amounts , names , dates , ...)
- Automatic recognition of relevant information (stamping , signature , ..)

Turn page device

- very compact device
- automatic turn page of horizontal folded passbook
- ideal for Teller as well as ATM applications



CTS GROUP is one of leading suppliers in the market for specialized Peripheral for Banks ,Financial Institutions and Service companies able to meet any market need requiring advanced and innovative solutions in the Front-Office , Back- Office and Self-Service application environments

Any changes without prior notice R-00

SM-5



electronics

Corso Vercelli, 332
10015 Ivrea (TO) - ITALY

Tel. ++39-0125-235611
Fax ++39-0125-235623

e-mail: sales@ctsgroup.it
www.ctsgroup.it

Technical specifications

Printing Technology	24 pin serial dot matrix printer												
Printing speed	max: 600 cps <table style="margin-left: 40px;"> <tr> <td></td> <td>15 cpi</td> <td>12 cpi</td> <td>10 cpi</td> </tr> <tr> <td><i>Draft</i></td> <td>600 cps</td> <td>480 cps</td> <td>400 cps</td> </tr> <tr> <td><i>LQ</i></td> <td>200 cps</td> <td>164 cps</td> <td>133 cps</td> </tr> </table>		15 cpi	12 cpi	10 cpi	<i>Draft</i>	600 cps	480 cps	400 cps	<i>LQ</i>	200 cps	164 cps	133 cps
	15 cpi	12 cpi	10 cpi										
<i>Draft</i>	600 cps	480 cps	400 cps										
<i>LQ</i>	200 cps	164 cps	133 cps										
Line length	94 columns @ 10 cpi												
Paper Handling	Single sheet, passbook, envelopes, labels Passbook: thickness > 2.0 mm (while open) passports version handling documents up to 3.5 mm thickness Single Sheet Width: 65 - 244 mm - Length: 70 - 470 mm												
Copies	1 +5												
Special functions	Automatic Gap Adjustment (AGA), Auto Alignment, Auto Border Recognition, Optical Mark Reading, Horizontal and Vertical Passbook Handling, Automatic set-up (automatic recognition of marked values)												
Graphic resolution (dpi)	60,120,180, 240, 360 (horizontal) 72, 90, 180, 216, 360 (vertical)												
Vertical spacing	6-8-12 lines/inch - 3-4-6-8-12 lines/30mm - n/60, n/72, -n/180 - n/216 -n/360 per inch												
Horizontal spacing	5, 6, 7.5, 8.5, 10, 12, 15, 17.1, 20, 24 cpi and proportional												
Barcodes	UPC/A, UPC/E, EAN8, EAN13, Code 39, Code 128, Postnet, Codabar, ADD-ON 2, ADD-ON 5, Code 11, Code 93, BCD,MSI, 2/5 Interleaved, 2/5 Matrix, 2/5 Industrial												
Character set	56 different character set												
Resident font	Draft, Courier, Gothic, Prestige, Presentor, Script, OCR-A, OCR-B, Boldface												
Resident Emulations	IBM ® Personal Printer 2390+, Proprinter XL24E, Proprinter XL24E-AGM Epson® LQ2550/LQ1170, IBM ® 4722, Olivetti ® PR40 plus/PR2/PR2845, IBM 9068												
Interfaces	Parallel IEEE 1284 bidirectional, Serial RS-232 C, USB Plug&play (Windows environments)												
Reliability	MTBF: 10.000 hours												
Print Head Life	400 million characters (>1BL strokes)												
Ribbon life	Black ribbon cartridge: 4 million characters												
Noise Level	< 55dbA												
Power Supply	Universal from 100 to 230 V, Frequency: 60Hz / 50Hz												
Power consumption	120 W max. (printing), 7 W (standby)												
Physical Dimensions & Weight	400 (W) x 200 (H) x 295 (D) mm - <12 Kg												
Magnetic Strip Reader/Writer	Horizontal magnetic stripes Code: 4 bit Characters: ASCII table 30 – 3F code Field duplication - Retry 1/3 DIN 32774, ANSI, IBM 3604 standard												
Magnetic Ink Character Recognition	CMC7 & E13B standard supported Reading speed: 0.7 m/sec. High decoding speed and efficiency Low error rate: CMC7 < 1/25,000 characters , E13B < 5/25,000 characters Misreading & replacement at lowest market level (CMC7 < 1/250,000 E13B < 5/250,000)												
Colour Scanner	A4 format, front/rear 16 millions colors (RGB), 256 grey levels, 200 dpi, scanning speed up to 508 microsec/line (front and back), image acquisition: A4 grey scale version <1,2sec - A4 colour version <3,5 sec USB 2.0, high speed interface Twain scanner compatible												
Turn Page	horizontal folded passbooks, optional												

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