SourceTechnologies®

ST9921

- Small Footprint
- Performance & Security
- Solutions Capable



SECURE MICR PRINTERS

Model No.	ST9921	
Print Speed (pages/min.)	Up to 50 ppm	
Time to First Page	As fast as 6 seconds	
Maximum Duty Cycle (pgs./mo.)	Up to 175,000	
Recommended Volume (pgs./mo.)	2,000-20,000	
Maximum Resolution	Black: 1200 x 1200 dpi 1200 IQ (1200 x 600 dpi)	
Processor	Dual Core 1.0 GHz	
Memory (Standard/Max)	1024MB / 1024MB	
Standard Connectivity	Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A) USB 2.0 Specification Hi-Speed Certified (Type B) 802.11b/g/n/ac + BLE	
Duplex Printing	2-sided: Integrated Duplex	
Paper Input Capacity Standard (in/out) Maximum (in/out)	Standard: 350 pages 20 lb or 75 gsm bond Maximum: 2,300 pages 20 lb or 75 gsm bond	
Paper Output Capacity	250 pages 20 lb or 75 gsm bond	
Printer Languages	PCL 5, PCLm, PCL 6 Emulation, Personal Printer Data Stream (PPDS), PostScript 3 Emulation, PDF-1.7 emulation, Direct Image	
Operator's Panel	4.3-inch (10.9 cm) Color Touch Screen	
MICR Cartridge Yields*	Replacement: 5k and 15K	
Imaging Unit**	Up to: 45K pages, based on 3 average letter/A4-size pages per print job at a 5% coverage	
Dimensions (in. H x W x D)	12.1 x 15.7 x 15.3 in	
Weight (lbs.)	33.4 lbs	
Warranty	1-year, return-to-depot from date of sale	
Quality Assurance Features	MICR Guarantee to ANSI / ABA Standards Auto Density Control MICR Toner Detection Low Toner Warning and Auto Stop	Optimized Fusing & Transfer Voltage Originally Manufactured MICR Toner Regulated Fuser Temperature
Secure Fonts	E-13B MICR Font CMC7 MICR Font Microprint Font	Secure Numeric Font ICR Numeric Font
Security Features	Set Copies to one (1): Auto Jam Recovery Disable Password Protection	Physical Drawer Lock "Optional" Front Panel lock DES Encryption/Decryption
Options	250 Sheet Tray 550 Sheet Tray	Drawer Locks

* Average standard page yield value declared in accordance with ISO/IEC 19752.
** Actual yield may vary. All specifications are subject to change without notice.

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MICR Feature	Description	Benefit
E13B Font	Widely accepted MICR font used in printing MICR encoded documents in the US, Canada, Mexico, the Far-East and some other countries.	Meets ASC X9B/US specification for MICR font and necessary to process checks through the system.
CMC7 Font	Alternative MICR font used to print MICR encoded documents in many European and most Latin American countries. Numeric character set only.	Meets international standards (ISO) 1004.
Secure Numeric Font	Unique ST-designed font that is very difficult to alter because of a special background and very small text & numeric print embedded in the amount line of the check.	Additional layer of security at the document level. Minimizes the risk of fraud.
Microprint Font	Extremely small type font allows one to embed micro text and numbers inside lines of print on the MICR document. Denoted by the letters "MP."	Additional layer of security at the document level. Minimizes the risk of fraud.
ICR Numeric Font	Image readable secure font designed to be read by imaging equipment utilized by many financial institutions.	Additional layer of security at the document level. Minimizes the risk of fraud.
Front Panel Security Lock	Additional security beyond password protection. User must enter an 8 digit combination prior to printing.	Additional layer of security at the document level. Minimizes the risk of fraud.
Set Copies to one (1)	A PCL setting that tells the printer to print the job only once.	Prevents fraud by disallowing the printing of multiple copies of a document.
Auto Jam Recovery Disable	Automatically turns Jam Recovery OFF when checks are being printed.	Prevents multiple copies of a check from being printed.
Password Protection	Prevents access to check-printing resources (stored signatures, MICR fonts, form overlays) without the proper password.	Prevents unauthorized access to MICR and Secure fonts, and user-specific signatures and form overlays.
MICR Toner Detection	Detects whether MICR toner or regular toner is installed in the printer.	Prevents printing of MICR documents with regular toner- preventing costly bank rejects.
Toner Low Warnings	Printer alerts user when MICR toner is low.	Ensures quality MICR printing.
AES & DES Encryption/ Decryption	Decrypts the print data stream, protecting it while it is being transmitted to the printer.	One of the highest levels of security available- the printer decrypts the code prior to printing.
Audit Trail	Creates user-defined reports of check printing activity for auditing purposes.	Gives user a written record of check printing activity
3 Year MICR Guarantee to ANSI/ABA Standards	Source Technologies ensures the readability performance of our MICR printers.	Ensures the quality of printed negotiable documents.
Auto Density Control for Toner	Ensures conformance to signal strength standards throughout cartridge life.	Ensures conformance and bank acceptance.
Originally Manufactured MICR Toner Cartridge	Toner cartridges are built and tested using MICR toner.	No "refilled" or "remanufactured" cartridges to introduce potential problems that would damage the printer.
Regulated Fuser Temperature for Optimum Performance	Fusing temperature controlled to match MICR toner and check stock paper weights.	Maximizes toner adherence. Less exposure to fraud due to less toner lift off.
Tray Locking	Key lock on printer and expansion drawers.	Prevents fraud by keeping check stock safe and prevents check paper waste.
MICRpoint	Allows fine tuning of the position of the MICR line.	Accounts for minor variations between printers. Prevents bank rejection of checks.
Datastream Tray Protection	Limits the ability of non-MICR jobs to print from specified trays.	Keeps regular office documents from being printed on check stock. Reduces the amount of re-prints because of printing to the wrong tray and reduces the cost of replacing misused check stock.