



ST9830

- Robust work group printer
- Performance & security

SECURE MICR PRINTERS

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| Model No. | ST9830 | |
| Print Speed (pages/min.) | Up to 55 ppm | |
| Time to First Page | As fast as 4.5 seconds | |
| Maximum Duty Cycle (pgs./mo.) | Up to 250,000 | |
| Recommended Volume (pgs./mo.) | 3,000 - 50,000 | |
| Maximum Resolution | 1,200 x 1,200 dpi | |
| Processor | Dual Core 1,000 MHz | |
| Memory (Standard/Max) | 512MB / 4500MB | |
| Standard Connectivity | USB 2.0 (Type B), 10/100/1000 Ethernet | |
| Duplex Printing | Optional | |
| Paper Capacity* | | |
| Standard (in/out) | 650/550 | |
| Maximum (in/out) | 4400/2550 | |
| Paper Sources | | |
| Standard (in/out) | 2/1 | |
| Maximum (in/out) | 6/1 | |
| Printer Languages | PCL 5e, PCL 6, Microsoft XPS, PPDS, PostScript 3, PDF 1.7, Direct Image | |
| Operator's Panel | 2.4-inch (60 mm) Color LCD display | |
| MICR Cartridge Yields** | Starter: 8k Replacement: 8k, 20k | |
| Imaging Unit*** | Up to 80,000 | |
| Dimensions (in. H x W x D) | 17.5 x 16.85 x 20.1 | |
| Weight (lbs.) | 56.0 | |
| 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 | Front Panel Security Lock Set Copies to one (1) Auto Jam Recovery Disable Password Protection DES Encryption/Decryption | Audit Trail Tray Locking MICRpoint Datastream Tray Protection Physical Drawer Locks |
| Options | 250 Sheet Tray 550 Sheet Tray | Swivel Cabinet |

*20lb or 75 GSM Paper. Maximum input amount shown is the maximum capacity that can be used for non-MICR printing; high-capacity input trays may interfere with printing quality MICR documents. The maximum input capacity for MICR printing may be lower than the values shown.

** Average standard page yield value declared in accordance with ISO/IEC 19752.

*** Maximum Yield estimate based on 3 average letter/A4-size pages per print job at approximately 5% coverage. Actual yield may vary. All specifications are subject to change without notice.



| MICR Feature | Description | Benefit |
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| 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 Security Panel | 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. |
| 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. |