SourceTechnologies®

ST9800 SERIES







Model No.	ST9817	ST9820	ST9821	ST9822	ST9830
Print Speed (pages/ min.)	Up to 38 ppm	Up to 50 ppm	Up to 50 ppm	Up to 50 ppm	Up to 55 ppm
Time to First Page	As fast as 6 seconds	As fast as 6 seconds	As fast as 6 seconds	As fast as 6 seconds	As fast as 4.5 seconds
Maximum Duty Cycle (pgs./mo.)	Up to 50,000	Up to 175,000	Up to 175,000	Up to 175,000	Up to 250,000
Recommended Volume (pgs./mo.)	500-6,000	2,000 - 20,000	2,000 - 20,000	2,000 - 20,000	3,000 - 50,000
Maximum Resolution	1,200 x 1,200 dpi	1,200 x 1,200 dpi	1,200 x 1,200 dpi	1,200 x 1,200 dpi	1,200 x 1,200 dpi
Processor	Dual Core 1,000 MHz	Dual Core 1,000 MHz	Dual Core 1,000 MHz	Dual Core 1,200 MHz	Dual Core 1,000 MHz
Memory (Standard/ Max.)	1024MB / 1024MB	512MB / 512MB	512MB / 512MB	2024MB / 2024MB	512MB / 4500MB
Standard Connectivity	USB 2.0 (Type B), 10/100/1000 Ethernet	USB 2.0 (Type B), 10/100/1000 Ethernet	USB 2.0 (Type B), 10/100/1000 Ethernet	USB 2.0 (Type B), 10/100/1000 Ethernet	USB 2.0 (Type B), 10/100/1000 Ethernet
Duplex Printing	Integrated	Integrated	Integrated	Integrated	Optional
Paper Capacity* Standard (in/out) Maximum (in/out)	350/150 900/150	650/250 2,300/250	650/250 2,300/250	650/250 2,300/250	650/550 4,400/2,550
Paper Sources Standard (in/out) Maximum (in/out)	2/1 3/1	2/1 5/1	2/1 5/1	2/1 5/1	2/1 6/1
Emulations	PCL 5e PCL 6 Microsoft XPS PPDS PostScript 3 PDF 1.7 Direct Image	PS3 PCL 5e PCL6 PPDS PDF 1.7 HTML Microsoft XPS Direct Image	PS3 PCL 5e PCL6 PPDS PDF 1.7 HTML Microsoft XPS Direct Image	PS3 PCL 5e PCL6 PPDS PDF 1.7 HTML Microsoft XPS Direct Image	PS3 PCL 5e PCL6 PPDS PDF 1.7 HTML Microsoft XPS Direct Image
Operator's Panel	2.4" Color LCD Display Panel	2.4" Color LCD Display Panel	4.3-inch Color Touch Screen with e-Task	7" Color Touchscreen and Numeric Pa	2.4" Color Display and Numeric Pad
MICR Cartridge Yields[1]	Starter: 1.5k Replacement: 5k, 15k	Starter: 1.5k Replacement: 5k, 15k	Starter: 5k Replacement: 5k, 15k	Starter: 5k Replacement: 5k, 12k	Starter: 8k Replacement: 8k, 20k
Imaging Unit[2]	Up to 45,000	Up to 45,000	Up to 45,000	Up to 45,000	Up to 80,000
Dimensions	18.4 x 15.7 x 16.9	11.9 x 15.7 x 14.7	11.9 x 15.7 x 14.7	21.5 x 19.3 x 18.8	17.5 x 16.85 x 20.1
Weight (lbs.)	31.1	34.8	35.5	49.2	56.0
Warranty	1-year, return-to-depot from date of sale	1-year return-to-depot from date of sale	1-year return-to-depot from date of sale	1-year, On-site, Next Business Day	1-year, return-to-depot from date of sale

SourceTechnologies®

Secure MICR Printers

Model Number	ST9817	ST9820	ST9821	ST9822	ST9830
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	• 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	• 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	• 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	• 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	• E-13B MICR Font • CMC7 MICR Font • Microprint Font • Secure Numeric Font • ICR Numeric Font	• E-13B MICR Font • CMC7 MICR Font • Microprint Font • Secure Numeric Font • ICR Numeric Font	• E-13B MICR Font • CMC7 MICR Font • Microprint Font • Secure Numeric Font • ICR Numeric Font	• E-13B MICR Font • CMC7 MICR Font • Microprint Font • Secure Numeric Font • ICR Numeric Font
Security Features	• Set Copies to one (1) • Front Panel Security Lock • Auto Jam Recovery Disable • Password Protection • DES Encryption/ Decryption • Audit Trail • Tray Locking • MICRpoint • Datastream Tray Protection • Key Drawer Lock	• Set Copies to one (1) • Front Panel Security Lock • Auto Jam Recovery Disable • Password Protection • DES Encryption/ Decryption • Audit Trail • Tray Locking • MICRpoint • Datastream Tray Protection • Key Drawer Lock	• Set Copies to one (1) • Front Panel Security Lock • Auto Jam Recovery Disable • Password Protection • DES Encryption/ Decryption • Audit Trail • Tray Locking • MICRpoint • Datastream Tray Protection • Key Drawer Lock	• Set Copies to one (1) • Front Panel Security Lock • Auto Jam Recovery Disable • Password Protection • DES Encryption/ Decryption • Audit Trail • Tray Locking • MICRpoint • Datastream Tray Protection • Key Drawer Lock	• Set Copies to one (1) • Front Panel Security Lock • Auto Jam Recovery Disable • Password Protection • DES Encryption/ Decryption • Audit Trail • Tray Locking • MICRpoint • Datastream Tray Protection • Key Drawer Lock
Options	250 Sheet Tray 550 Sheet Tray	250 Sheet Tray 550 Sheet Tray	250 Sheet Tray 550 Sheet Tray	250 Sheet Tray 550 Sheet Tray	250 Sheet Tray 550 Sheet Tray

*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.

[1]Average standard page yield value declared in accordance with ISO/IEC 19752.

[2]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.

Quality Assurance & Security Features

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
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 and combination lock on printer drawer	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-printed because of printing to the wrong tray and reduces the cost of replacing misused check stock.