

P 501M MICR LED PRINTER



- ANSI-compliant MICR output at 45-ppm
- Ultra-reliable LED imaging technology
- Up to 1,200 x 1,200 dpi print resolution
- Separate drum & toner supplies for low running costs
- E13B and CMC7 Rosetta Technologies' certified MICR fonts
- Compact, affordable & expandable

Maximize Your Check Printing Productivity



When your business needs to print checks, you need to get it right the first time. That's why you need Rosetta Technologies' P 501M MICR Printer. This compact yet powerful printer delivers the speed, image quality and security you need to keep pace with fast-moving business decisions. The P 501M produces ANSI-compliant checks and associated MICR documents as fast as 45 pages per minute with the lowest possible cost per page. That makes it perfect for banks, payroll processors, insurers printing EOBs and claim checks, title loan companies and corporate accounting departments with lots of checks to print, tight deadlines to meet and no margin for error.

Designed in partnership with Ricoh, the P 501M prints high-quality checks at 1,200 x 1,200 dpi without slowing down thanks to ultra-reliable LED imaging technology. Paper supply is versatile and expandable for non-stop productivity, while the two-part separate drum and toner assembly ensures low running costs and simple operation. Rosetta combines this solid hardware foundation with our industry-leading MICR toner, fonts, and software to deliver a totally secure end-to-end check printing solution. In fact, Rosetta guarantees that every MICR document you print will meet or exceed ANSI and ABA standards for adhesion, signal strength, character sharpness and read rates when using our MICR fonts and supplies. **Ricoh plus Rosetta. A most attractive combination of value and performance.**

P 501M System Highlights

High speed, high quality MICR printing.

A powerful 1.3 GHz Intel processor with 2 GB RAM and Gigabit Ethernet connectivity quickly processes every job. Infallible LED imaging technology prints up to 1,200 x 1,200 dpi at 45-ppm with fast first-print times for maximum productivity.

Optimized MICR fonts and toner.

Create checks with sharp characters, consistent MICR signal strength and superior adhesion that will meet today's check processing requirements. The P 501M ships with E13B and CMC7 certified MICR fonts and uses high yield supplies to produce checks for just pennies per page.

Optional CheckStream software.

Rosetta's intuitive check printing application simplifies workflows and saves money by eliminating the need to inventory pre-printed check stocks – great for businesses with multiple bank accounts.

Compact and expandable.

The P 501M easily fits on a desk or under a counter. Expand media capacity to 2,100 sheets without occupying more space by adding up to three Paper Feed Units. Link the trays for continuous operation.

Tilting 4-line LCD panel.

At-a-glance supply and status monitoring from any angle.

Maximum uptime with two-part supplies.

Replace only the toner, the drum, or both as needed. Long lasting supplies minimize interruptions for maintenance.

Multi-layered security.

Get peace of mind knowing valuable MICR data streams and media are always protected. The P 501M includes a number of built-in network and data security features including user authentication and encryption, plus optional locking media trays are available to keep check stocks secure.

P 501M System Configurations

The P 501M is available in five versions. Each can be equipped with additional paper trays and connectivity options to meet your specific needs.



P 501M MICR PRINTER

- 500-sheet tray + 100-sheet Bypass
- 250-sheet output
- 2 GB RAM

P 501M Secure shown.

P 501M SECURE

- Standard model with 1 Locking Paper Tray

P 501M GUARDIAN

- Secure model plus 320 GB Hard Disk Drive, supporting Locked Print, DOSS and encryption

P 501M IPDS

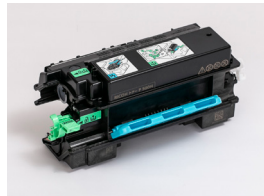
- Standard MICR model plus Genuine IPDS

P 501M IPDS SECURE

- IPDS model with 1 Locking Paper Tray

Fast & Affordable General Office Printing

Leverage your investment in a productive MICR printing solution with one that doubles as a high-resolution workgroup printer. The P 501M is ready to handle all your daily office printing needs in addition to check printing. Simply exchange the MICR supplies for the standard drum and toner assembly to print in any Windows, Macintosh or Linux network environment.



Swap out the two-part MICR toner and drum assembly for Standard supplies in seconds.

The P 501M supports PCL 5e, PCL 6 and PostScript3 emulation with simple point-and-click drivers and dozens of fonts for creative printing in many styles onto media up to 8.5" x 14". Print up to 999 sets per job at 45-ppm and feed envelopes and labels from every source. The Bypass Tray extends media length up to 35.4" for banner and signage printing. Place watermarks on pages and add covers, slip sheets and chapters to create more professional-looking documents. Install the optional 320 GB hard disk drive to take advantage of a cluster of printing modes designed to enhance productivity and confidentiality, and securely store up to 9,000 pages of data for print-on-demand.



A tilting 4-line LCD panel graphically displays supply levels and system status.

Is your office Mac based? Genuine Adobe® PostScript®3™ is available. Run Linux? The P 501M has that covered too. You can even install the printer on two different networks simultaneously with the USB 2.0 Device Server option to keep your MICR workflows separate from general office printing applications.

Save space, time and money with the Rosetta P 501M...the one desktop printer for all your printing needs.

Rosetta MICR Quality Guarantee:

Guaranteed ANSI and ABA Acceptance Standards If Using Rosetta Technologies' Approved Check Stock, Supplies, MICR Fonts & Authorized Service.



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P 501M MICR LED Printer System Specifications

MAIN UNIT

Configuration:	Desktop Black & White MICR Printer
Imaging Technology:	LED array with electro-photographic printing
Toner Type:	Dry single component MICR toner Switchable with standard toner
Recommended Volume:	Up to 10,000 prints/month
Maximum Duty Cycle:	Up to 150,000 prints/month
Warm-up Time:	19 seconds
1st Print Speed:	5 seconds or less
Continuous Print Speed:	45 pages per minute (Letter)
Operation Panel:	Tilting 4-line LCD + hard keys
Standard Paper Supply:	500-sheet Tray x 1 + 100-sheet Bypass = 600 sheets
Optional Trays:	Add 1, 2 or 3 Paper Feed Units Choice of 250-sheet and 500-sheet PFUs
Maximum Capacity:	2,100 sheets
Automatic Duplex:	Standard (14 - 43 lb. Bond / 90 lb. Index)
Paper Sizes (Min - Max):	
Std./Opt. Trays:	3.2" x 5.8" to 8.5" x 14"
Bypass Tray:	2.3" x 5.0" to 8.5" x 35.4"
Paper Weight	
Std./Opt. Trays:	14 - 58 lb. Bond / 120 lb. Index
Bypass Tray:	14 - 68 lb. Bond / 140 lb. Index
Paper Types (All sources):	24 lb. Check Stock, 28 lb. Pressure Seal Stock, Bond, Card Stock, Coated, Colored, Envelope, Label, Letterhead, OHP Transparency, Plain, Pre-printed, Recycled, Special
Output Capacity:	250 sheets (face down)
Dimensions (WxDxH):	14.76" x 16.2" x 12.2"
Weight:	42.5 lbs.
Power Requirements:	120 - 127V, 12A, 60Hz
Power Consumption:	Printing: 603 W; Sleep: 0.47 W

CONTROLLER

CPU:	Intel Apollo Lake @ 1.3 GHz
Memory (Std./Max.):	2 GB RAM
Hard Disk Drive:	320 GB (Optional)
Print Resolution:	1,200 x 1,200 dpi, 600 x 600 dpi, 300 x 300 dpi
Page Description Languages	
Standard:	PCL 5e, PCL 6, PostScript3 & PDF Direct Print emulation Genuine IBM IPDS®
Optional:	Genuine Adobe® PostScript®3™ & PDF Direct Print
Fonts	
Standard:	PCL/PS: 80 fonts + 13 International fonts E13B MICR, CMC7 MICR
Optional:	PostScript3: 136 fonts IPDS: 108 fonts
Network Interfaces	
Standard:	10/100/1000Base-TX Ethernet (RJ-45) USB 2.0 Type B USB 2.0 Host Type A x 2
Optional:	USB 2.0 Device Server
Network Protocol:	TCP/IP (IPv4, IPv6)
Network O/S Support:	Windows® 7, Windows® 8.1, Windows® 10, Windows® Server 2008, Windows® Server 2008R2, Windows® Server 2012, Windows® Server 2012R2, Windows® Server 2016 Mac OS Environments: Macintosh OS X v10.10 or later SAP Environments: SAP® R/3®, SAP® S/4® Other Environments: NDPS Gateway, AS/400® using OS/400 Host Print Transform, Device Option Utility (Citrix), Linux environment, IBM iSeries Rosetta CheckStream (optional), Rosetta Print Manager (optional), Ricoh @Remote (optional), Ricoh Device Manager NX Lite (optional), Ricoh Web Image Monitor
Utilities:	

SECURITY FEATURES

Administrator and User Authentication (4 types), User Lockout, Auto Logout, Menu Protect, Address Book Encryption, Authentication Password Encryption, SSL communication, S/MIME, IPsec, TCP/IP, IP Filtering, SMTP over SSL, Transport Layer Security (TLS), Quota Settings, Locked Print*, Stored Print*, Unauthorized Copy Prevention, HDD Data Overwrite* and Encryption*, Locks for standard and optional paper trays.
*HDD required

MAIN UNIT & ACCESSORIES

YIELD

P 501M MICR LED Printer		
P 501M Secure MICR LED Printer	30501001	
P 501M Guardian MICR LED Printer	30501002	
P 501M IPDS MICR LED Printer	30501003	
P 501M IPDS Secure MICR LED Printer	30501004	
250-sheet Paper Feed Unit (PB1110)	31501000	
500-sheet Paper Feed Unit (PB1120)	31501001	
250-sheet Paper Feed Unit w/Lock	31501010	
500-sheet Paper Feed Unit w/Lock	31501011	
320 GB Hard Disk Drive	31501008	
USB 2.0 Device Server	31501009	
MICR Toner Cartridge	10501000	15,000 pages*
MICR Drum Unit	10501001	40,000 pages***
Standard Toner Cartridge P 501H	10501007	14,000 pages**
Standard Drum Unit P 501	10501008	40,000 pages
Maintenance Kit P 501	10501002	120,000 pages
Warranty: 1 year from date of purchase		

*Declared yield values for MICR toner cartridges based on 3.6% coverage. **Declared yield values for standard toner cartridges based on ISO/IEC 19752. ***Photoconductor Unit yield based on 3 pages/job. Actual yields may vary based on types of images printed and other factors. For maximum performance and yields we recommend using genuine Rosetta MICR toner supplies. The P 501M MICR Printer ships with a starter MICR toner cartridge yielding 3,000 pages. Specifications are subject to change without notice.