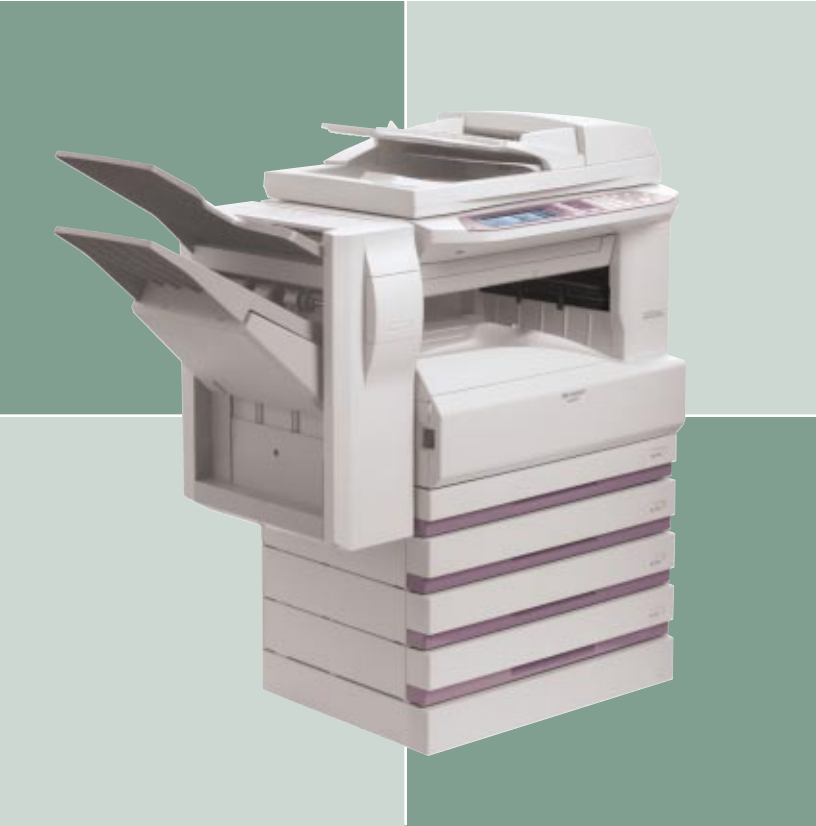**SHARP**®

AR (M) 237

enhanced multifunction document solutions

copy
print
scan
fax

multi-task

Digital
iMAGER™
Advanced Workgroup System

AR M 237

highlights

> Touch-screen LCD display for easy operation

> 100-sheet RADF

> Mixed size original detection[1]

> Automatic trayless duplex copying and printing

> Electronic sorting

> 48 MB total standard memory

> Offset stacking with paper shifter

> JBIG speed-enhanced PC printing system

> USB-2.0 and IEEE 1284 bi-directional parallel interfaces

> 1,100-sheet standard paper capacity expandable to 2,100 sheets

> 100-sheet multi-sheet bypass tray

> Integrated Super G3 Fax option

> Optional 1,000-sheet finisher

> PCL6 and Postscript Level 3 option with advanced network security [2]

> Advanced network scanning option with LDAP [3]

> Optional Data Security Kit [4]

> Additional features include Job build, Stream feeding, Booklet copy, Dual page copy, Margin shift, Multi-shot copy, 100 department codes, Job programs, Edge erase, Image reversal, XY zoom, Image rotation

SHARP | be sharp™

With sophisticated features and advanced multifunction capabilities, the new Sharp AR-M237 IMAGER™ speeds up your workflow— and increases productivity.

With today's accelerated pace of business, the ability to multi-task is essential. That's why Sharp designed the new AR-M237 Digital IMAGER. A truly versatile performer, the AR-M237 IMAGER is a powerful, 23-ppm out-of-the-box multifunction copier/printer designed for busy departments and workgroups. With standard features that include a 100-sheet reversing document feeder, auto-duplexing, and 1200-dpi laser output, the Sharp AR-M237 IMAGER delivers the performance and reliability required in today's demanding workplace. And best of all, the Sharp AR-M237 IMAGER allows you to add functionality as your business needs evolve. Integrate powerful multifunction capabilities such as PCL6 and Postscript Level 3 network printing, advanced network scanning, Super G3 faxing, web-based management—even leading-edge security features.

The new AR-M237 IMAGER delivers the performance, versatility, and reliability required in today's demanding workplace.

Digital
IMAGER™
Advanced Workgroup System

Advanced Features in a User-Friendly Design

Enhanced Copying at your Fingertips

The 23-ppm Sharp AR-M237 IMAGER was designed with advanced features to help you maximize productivity. With a standard 100-sheet RADF, electronic sorting, auto-duplex capability and 1200 dpi output, the AR-M237 IMAGER can tackle even the most complex jobs with ease. With an animated graphical interface, the user-friendly, touch-screen display makes using the AR-M237 IMAGER a breeze.

The 1,100-sheet standard on-line paper capacity can be expanded to 2,100 sheets.

Multiple Sets in a Flash

Need to produce several large leave-behinds for a presentation? It's easy with the job build feature. Just program the AR-M237 IMAGER and it does all the work, delivering up to 500 sheets total. With the optional 1,000-sheet finisher, you'll have versatile output capabilities for truly professional results.

High-Quality Out-of-the-Box PC Printing

The Sharp AR-M237 IMAGER also offers impressive standard PC printing that outputs jobs at up to 1200 x 600 dpi (enhanced) resolution. For speedy printing, Sharp's host-based print controller utilizes JBIG compression, which reduces the job's file size. With a standard USB-2.0 interface and IEEE 1284 parallel interface, the AR-M237 IMAGER offers flexible connection alternatives to your computer.

The AR-M237 IMAGER will maximize your productivity with time saving features including N-up printing, fit-to-page, auto-duplexing and sorting. With the innovative modularity of the AR-M237 IMAGER, you can add networking and advanced printing emulations such as PCL6 and Postscript Level 3—as your business needs evolve.

Convenient, PCL6 Network Printing

Sharp's optional PCL6 Print Controller with standard imbedded networking combines best-in-class features with leading-edge digital technology—for even more performance and functionality. With 64 MB standard memory, 1200-dpi true output resolution and 10/100baseT networking, the AR-M237 IMAGER prints ultra-crisp documents over your network — right from the convenience of your desktop. And, with features that include Carbon Copy Print mode, cover pages, proof printing and optional form/font downloads, you get professional-looking, high-quality documents—without the cost of outsourcing. For cost accounting, you can also track print usage with advanced features that include auditing and job retention.

Part 1

Part 2

Part 3

1. Input number of copies
2. Select Tray 1, 2, and 3
3. Print

Completed Set
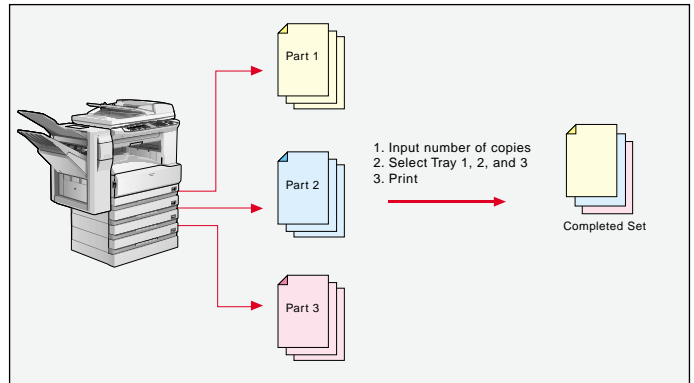
With Carbon Copy Print mode, the AR-M237 IMAGER can produce forms in triplicate quickly and easily.

# Streamline Your Workflow with Integrated Network Scanning

Distribute Documents Effortlessly with Optional Network Scanning

By adding the AR-NS2 Network Scanning Kit, the AR-M237 IMAGER becomes a powerful document distribution system with features that include Scan to E-mail, Scan to Desktop, Scan to FTP, and Scan to URL. For optimum compatibility, scanned documents can be saved in today's most widely used file formats including PDF and TIFF. To enter a scan destination or address, just use the QWERTY keyboard on the touch-screen LCD display. For even greater efficiency, the AR-M237 IMAGER also stores up to 200 one-touch scan destinations—eliminating manual entry and saving time.

NEW! If you don't know a recipient's address, the built-in LDAP feature (Lightweight Directory Access Protocol) makes it easy to locate. Simply enter the first few characters of the address and the AR-M237 IMAGER will search the Global Address Book in your company's mail server, and then display a list to choose from.

For security-conscious environments, the Sharp AR-M237 IMAGER also supports User Authentication, giving you the ability to restrict network scan access to authorized users only.
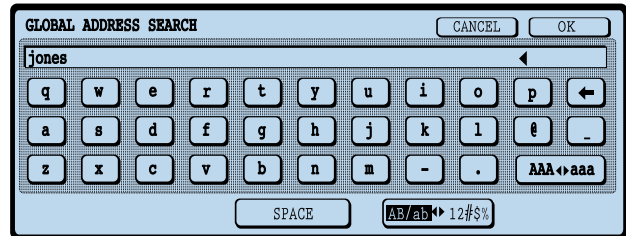
With the AR-M237 IMAGER's Network Scanning Kit with LDAP, users only need to enter the first few characters of the destination e-mail address.
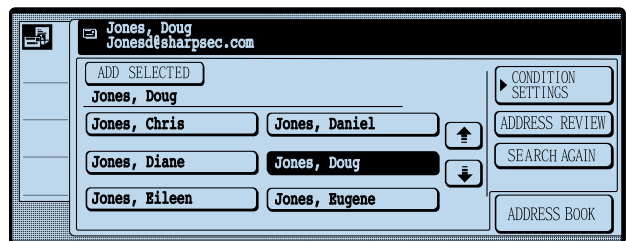
The AR-M237 IMAGER searches the Global Address Book on your company's mail server—saving you valuable time.

The AR-M237 IMAGER's Scan Destinations

Scan to E-mail
The AR-M237 IMAGER's advanced Scan to E-mail function allows users to send documents to any e-mail address with the touch of a few buttons. Additionally, users can enter a unique filename for the scanned document, as well as select the sender and enter information into the subject fields. When the recipient receives the e-mail, these fields are filled in with specific information about the attached document.
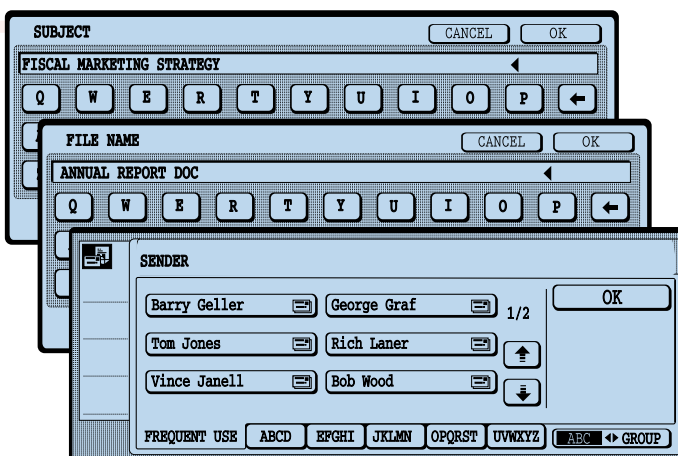
Scan to Desktop
Scan documents directly to your desktop computer for storing, archiving, editing or routing. The network scanning option includes Sharpdesk™ Document Management software, which provides users with comprehensive, easy-to-use tools to edit and manage scanned documents.

Scan to FTP
Scan directly to an FTP server for special applications such as corporate-wide posting or archiving.

Scan to URL
Eliminate sending large files over the Internet by sending e-mail recipients a link to a scanned document instead. Scan to URL scans the document directly to an FTP site, and generates a live link for your recipient. This is also good for sending documents to large groups.

Super Fast, Super G3 Fax Functionality

Fax Documents with Incredible Speed

SUPER G3

With the optional Super G3 Fax Module, the AR-M237 IMAGER doubles as a powerful workgroup facsimile, enabling you to send documents quickly and easily. With sophisticated features such as duplex scanning, F-code communication, and ledger-size reception, the AR-M237 IMAGER can easily handle the demands of busy workgroups. Designed for heavy usage, the AR-M237 IMAGER can also broadcast up to 200 destinations, and can store up to 500 auto numbers, all of which can be managed through the touch-screen display.

The Super G3 Fax Module also delivers powerful LAN fax function that allow users to transmit documents right from their desktop PC! With the AR-M237 IMAGER's intuitive PC fax driver, sending a fax from your desktop is as easy as printing a file.
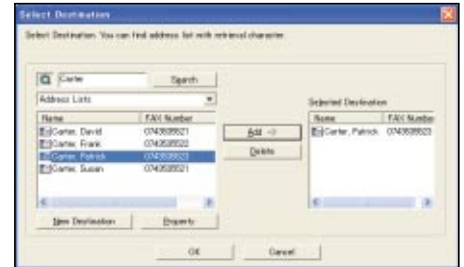
The animated touch-screen LCD display guides users step by step through each function— making the AR-M237 IMAGER incredibly easy to use.

Sophisticated Security to Protect Your Business

Sharp's Layered Security Approach

The AR-M237 IMAGER offers several levels of network and data security to ensure unauthorized personnel cannot intercept valuable information. Sharp, a leader in office equipment security, enables IT professionals to securely deploy digital copying, printing, scanning and faxing—in any business or government environment.

› Safeguard your printed documents from unauthorized viewing with the AR-M237 IMAGER's **Confidential Print** feature. With PIN-code authorization, it reduces the risk of printed documents getting into the wrong hands by requiring the user to enter a PIN code to print their queued document (Available with AR-P17 Print Controller).

› Protect your network from unauthorized e-mail communications with **User Authentication.** It requires users to log in before performing any network scanning operations (Available with AR-P17 Print Controller and AR-NS2 Network Scanning Kit).

› Restrict access to the AR-M237 IMAGER on your network with **IP/MAC Address Filtering** and protocol control (Available with AR-P17 Print Controller).

› Protect your data with the optional **Data Security Kit.** The Data Security Kit sanitizes the memory in the AR-M237 IMAGER by overwriting the document data, offering an unprecedented level of assurance (Available January 2004).

These scalable security offerings aim to protect your intellectual property and preserve confidential information by enabling you to meet regulatory requirements, such as the Health Insurance Portability and Accountability Act (HIPAA) and the Gramm Leach Bliley Act (GLB). For additional information visit **www.sharpusa.com.**

IP/MAC Address Filtering enables you to restrict access to the network.

User-Friendly Software to Optimize Efficiency

Sharp's Administration Utility Suite

To assist you in managing all the sophisticated features of the AR-M237 IMAGER, Sharp designed the **Administration Utility Suite,** a collection of easy-to-use tools and software that simplifies the installation, monitoring and operation of the AR-M237 IMAGER.

› Web-based management for both users and administrators is incredibly convenient with the **AR-M237 IMAGER Home Page.** Right from their desktop, users can manage network scanning destinations and profiles, as well as access custom web links such as **My Sharp,** a dedicated customer-care website that offers solutions, resources, and information specific to your AR-M237 IMAGER. Administrators can access device configuration, network settings, IP filtering, and protocol control—without ever leaving their desk.

› Speed up installation and configuration of printers on the network with **Printer Administration Utility**. Designed primarily for IT Managers, PAU also provides the convenience of monitoring any SNMP-compliant printer on the network—right from the desktop.

› For desktop users, the **Printer Status Monitor's** easy-to-use interface allows you to view printer conditions, check paper levels, toner and more—before you send your job.

› For maximum uptime, **Sharp's Remote E-mail Diagnostics (R.E.D.)** enables IT Managers and Authorized Sharp Dealers to automatically receive e-mails regarding operation and performance of the AR-M237 IMAGER.

The Sharp Administration Utility Suite

IMAGER Home Page

Printer Administration Utility

Printer Status Monitor

Remote E-Mail Diagnostics

Powerful Document Management with Sharpdesk™

Powerful, flexible and intuitive, Sharpdesk enables you to easily integrate scanned documents into your everyday workflow. With a familiar icon-driven interface, Sharpdesk allows you to view document thumbnails in over 200 file formats. Easy-to-use tools help you organize, edit—even merge different files from different applications—for greater productivity.
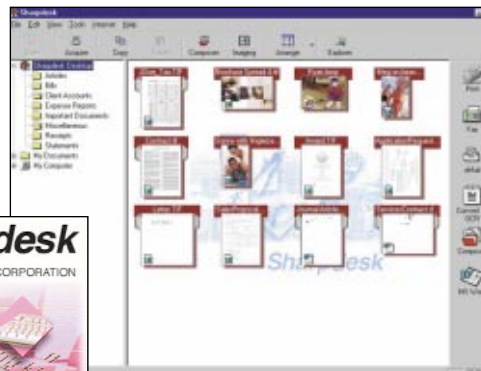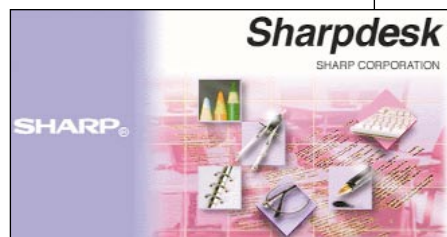
Copier Specifications AR-M237 IMAGER

Type:	Digital duplex copier-based MFP
Standard Functions:	Copy, PC Print
Optional Functions:	Network Printing, Network Scanning, Super G3 Fax
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Original Size (Max):	11" x 17"
Copy Size:	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
Copy Speed:	23 copies per minute (8 1/2" x 11") 16 copies per minute (8 1/2" x 11"R) 13 copies per minute (8 1/2" x 14") 12 copies per minute (11" x 17")
Continuous Copy:	Maximum 999 copies
First Copy Out Time:	4.8 seconds or less
Warm Up Time:	23 seconds or less
Zoom Range:	25% to 400% in 1% increments (with RSPF 50%-200%)
Fixed Zoom Mode:	25%, 50%, 64%, 77%, 100%, 121%, 129%, 200%, 400%
Exposure System:	Fixed optical source, slit exposure (stationary platen) with automatic exposure
Original Feed System:	Standard: 100-sheet reversing single pass document feeder (RSPF) with stream feeding mode, mixed letter/legal size original detection, and mixed (lateral feed) letter/ledger original size detection.
Paper Feed System:	Standard: (2) 500-sheet paper cassettes Standard: (1) 100-sheet manual bypass tray Optional: (1) 500-sheet paper feed unit or (1) 1000-sheet paper feed unit (500 x 2)
Paper Type:	Paper Cassettes: 15-21 lb. standard or recycled bond, or 21-28 lb. special paper. Bypass Tray (multi-sheet feed): Up to 100 sheets 14-21 lb. standard or recycled bond paper, up to 40 sheets for OHP film and labels, up to 30 sheets for 21-54 lb. thick paper, up to 5 sheets for envelopes (#10), Bypass (single-sheet feed tray): 14-34 lb. standard or recycled bond paper, OHP, labels, and thick paper up to 54 lb.
Memory (total):	48 MB total (includes electronic sorting), up to 1,024 MB option
Electronic Sort shared Function:	Up to 100-sheet electronic sorting (shared memory), group copy, rotation copy, 2-in-1 copy / 4-in-1 copy, edge erase, center erase, and margin shift
Copy Resolution:	Scan: 600 dpi; Copy output: 1,200 dpi
Exposure Modes:	Super photo mode: 1,200 dpi, Photo mode: 600 dpi, Auto exposure: 600 dpi
Halftone:	256 gradations/2 levels
Copy Features:	Scan-Once Print-Many, electronic sorting, Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, manual zoom, job build, split scan, booklet copy, multi-shot, reverse image, cover page, department control, job programs, auditor/coin vend ready, toner save mode, and total counter
Department Control:	100 profiles
Job Programs:	10 profiles
Output Tray Capacity:	Main output tray 500 sheets (face down), 100 sheets in optional Job Separator Tray, and 1,000 sheets in optional finisher (output tray is user selectable)
Offset Stacking:	Standard paper shifter for main output tray
Power Requirement:	AC 120 V, 60 HZ, 12 Amps
Power Consumption:	Maximum 1,400 W, pre-heat 90 W, sleep mode 1 W
Weight:	Approximately 112 pounds
Dimensions:	24.5" (w) x 23.9" (d), x 30.9" (h)

JBIG Speed-Enhanced Printer Function (standard)

Emulation:	Sharp SPLC host-based with JBIG compression
Resolution:	600 dpi, 1200 x 600 dpi (enhanced)
Print Speed:	15 pages per minute (single print mode), 23 pages per minute (ROPM mode)
Operating Systems:	Windows® 95/98/ME, NT4.0, 2000, XP
Memory:	Shared
Features:	Two sided printing, N-up printing, paper source selection, output tray selection, fit to page, image adjustment, watermarks, smoothing, photo enhancement, and ROPM
PC Interface:	Standard: IEEE 1284 (ECP) parallel port, USB 2.0 port

AR-P17 Print Controller (optional)

Emulation:	PCL6 (XL), PCL5e, PS3 (optional)
Resolution:	1,200 dpi, 600 dpi, 300 dpi
Print Speed:	23 pages per minute
Operating Systems:	Windows 95/98/ME, NT4.0, 2000, XP, MAC OS 8.6 through 9.x, MAC OS 10.1 or later
Software:	Print driver, Printer Status Monitor, Printer Administration Utility, PC fax driver [1]
Memory:	64 MB standard, expandable to 320 MB
RIP-Once Print-Many:	Yes (managed by host machine)
Features:	Binding edge, N-up printing, different cover page/last page, transparency inserts, carbon copy print mode, continuous printing, over-lay, fit to page, watermarks, PIN printing, print hold, proof print, print auditor, print smoothing, offset print, font/form downloads, and direct print function [2]
PC Interface:	Standard: IEEE 1284 (ECP) parallel port, USB 2.0 port

Network Support

Hardware Interface:	RJ-45 Ethernet connection
Type:	10/100 BaseT
Network Operating Systems:[3]	Windows 95/98/ME/XP Professional/ NT4.0/2000/2003 Server, Sun Solaris 2.3 to 2.5/2.6, HP-UX 9.x/10.x, AIX 4.x.x, BSD Linux, Unix, Novell Netware 3.x/4.x/5.x/6.0, MAC OS
Network Protocols: [3]	TCP/IP for Windows, Novell, Apple/Macintosh, and Unix environments, IPX/SPX for Novell environments, and AppleTalk for Macintosh® environments
Printing Protocols: [3]	LPR, IPP, Raw TCP (port 9100), HTTP, Novell NDS/ PServer/Rprinter (Bindery)/ NDPS (TCP/IP)
Network Security:	IP/Mac Address Filtering, protocol enable/disable

AR-NS2 Network Scanning Kit (optional)[4]

Type:	Flat bed monochrome scanning system
Original Feed System:	Platen/document feeder, simplex/duplex with RSPF feeds up to 39 opm
Resolution:	200 dpi, 300 dpi, 600 dpi
Image Format:	TIFF 6.0, ITU-T G3/G4 TIFF, G3/G4 single/multi-page PDF
Scan Destinations:	E-mail, Desktop, FTP, URL
Destination Profiles:	Up to 200
Operating System:	Windows 95/98/ME, 2000, XP
Network Protocols:	TCP/IP (includes SMTP, LDAP, FTP)
Network Security:	E-mail server user authentication
Software:	Sharpdesk Document Management Software (included)

AR-FN5N Finisher (optional)

Output Trays:	2 trays, face down
Output Capacity:	Lower tray: 1, 000 sheets (letter size), Upper tray: 100 sheets
Stapler Function:	30 sheets maximum, 1 position front side corner
Weight:	Approximately 41 pounds
Dimensions:	15.5" (w) x 20.11" (d) x 21.25" (h)

AR-FX7 Super G3 Fax Kit (optional)

Transmission Mode:	Super G3, G3
Modem Speed:	33.6 KBPS [5]
Compression Methods:	JBIG, MMR, MR, MH
Scanning Method:	Sheet fed simplex or duplex or book
Max. Transmit Resolution:	400 dpi (ultra-fine)
Transmission Speed:	Approximately 2 seconds with JBIG [5]
Auto Dialing Methods:	500 auto dial/group dial destinations
Group Dialing:	Up to 200 destinations
Broadcasting:	Up to 200 destinations
Programs:	8 profiles
Department Control:	100 profiles
Memory:	2 MB standard/10 MB max. (8 MB option)
Halftone:	256 levels
Timer Functions:	Up to 50 jobs
Features:	F-Code transmission/reception, confidential communication, quick on-line transmission, anti-junk fax reception, out of paper memory reception, and PC faxing

Optional Equipment

AR-D21	500-sheet x 1 drawer paper feed unit
AR-D22	500-sheet x 2 drawers paper feed unit
AR-FN5N	1,000-sheet finisher/30 sheet stapler
AR-TR3	Job Separator tray
AR-P17	PCL6 Print Controller with network interface
AR-PK1N	Postscript Level 3 Kit [3, 4]
AR-NS2	Network Scanning Kit [4, 6]
AR-NC5J	Network Interface Card (protocol expansion)
AR-FX7	Super G3 Fax Kit
AR-MM9	8 MB fax upgrade memory
AR-PF1	Bar Code Font Kit [4]
AR-PF2	Macro Font Flash ROM Kit [4] (available late 2003)
AR-237ABL	Low Stand (for use with 3 or 4-tray configuration)
AR-237ABH	High Stand (for use with 2-tray configuration)

Supplies

AR-270MT	Toner Cartridge
AR-271MD	Developer
AR-271DR	Drum Cartridge

[1] Requires optional AR-FX7 Super G3 Fax Kit.

[2] Requires AR-PK1N.

[3] Certain network operating systems and protocols may require optional AR-NC5J NIC; see your local authorized Sharp dealer for details.

[4] Requires AR-P17 Print Controller.

[5] Based on ITU Test chart #1 in standard resolution, actual transmission time will vary based on line conditions.

[6] Requires 128 MB memory upgrade on AR-P17.

Design and specifications subject to change without notice.

This machine has been tested for conformance with US government Section 508 legislation regarding accessibility. For additional information visit www.sharpusa.com.

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CPD-3634C

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