AR M 237

SHARP®

Streamline your workflow with advanced multifunction performance.

With versatile features and an innovative modular design, the new Sharp AR-M237 IMAGER™ raises productivity to a whole new level. This 23-ppm multifunction copier/printer's robust features include a 100-sheet RADF, auto-duplexing, and 1200-dpi laser output. Plus, you can easily add advanced multifunction performance such as PCL6 and Postscript Level 3 network printing, network scanning, Super G3 faxing, web-based management—as well as leading-edge security features.

Digital
iMAGER™
Advanced Workgroup System

Impressive Out-of-the-Box PC Printing
The 23-ppm Sharp AR-M237 IMAGER was designed to truly maximize productivity. With it's standard 100-sheet RADF, electronic sorting and auto-duplex capability, the AR-M237 IMAGER can easily handle the needs of busy workgroups. Additional standard features include:
> Electronic sorting
> Offset stacking with paper shifter
> Standard Host-based PC printing with JBIG compression for fast output

Convenient PCL6 Network Printing
For added performance, add the optional PCL6 Print Controller—and watch your productivity soar.
> Standard imbedded network capability
> 64 MB standard memory
> 1200 dpi true output resolution
> Standard 10/100baseT networking
> Carbon Copy Print mode
> Cover pages
> Proof printing
> Optional form/font downloads
> Advanced job control with audit and job retention features

Integrated Network Scanning
Add the optional AR-NS2 Network Scanning Kit and the AR-M237 IMAGER becomes an advanced document distribution system with time-saving features including:
> Four scan destinations featuring Scan to E-mail, Scan to Desktop, Scan to FTP and Scan to URL
> Built-in LDAP support (Lightweight Directory Access Protocol)
> User Authentication

Super-Fast Fax Performance

SUPER G3

Add the optional Super G3 Fax module and transform the AR-M237 IMAGER into a robust workgroup facsimile. Busy departments can take advantage of efficient features including duplex scanning, F-code communication, ledger-size reception, PC-faxing and more.
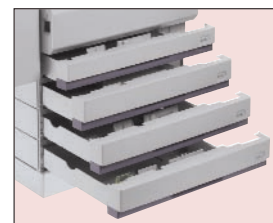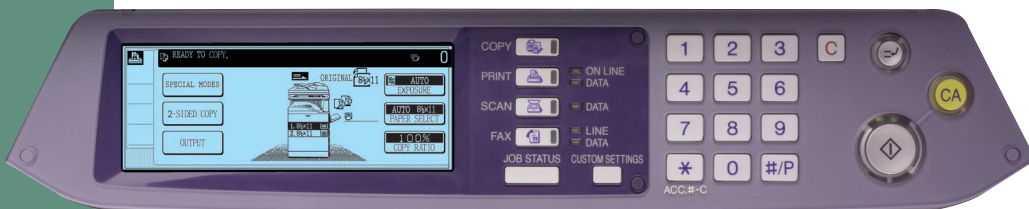
Advanced Security Features
The AR-M237 IMAGER offers multiple layers of network and data security to safeguard your printed and electronic documents—and restrict access to your network.
> **Confidential Printing** (Available with AR-P17 Print Controller)
> **User Authentication** (Available with AR-P17 Print Controller and AR-NS2 Network Scanning Kit)
> **IP/MAC Address Filtering** (Available with AR-P17 Print Controller)
> **Data Security Kit** (Available January 2004)

The easy-to-use touch-screen display makes operating the AR-M237 IMAGER as easy as 1-2-3.

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

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, overlay, 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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