KONICA MINOLTA

magicolor 7450II

Your **creative power** partner

The magicolor 7450II is a top-performance A3+ printer designed for workgroups in the creative sector that have the need for colour in-house printing while wanting to keep an eye on costs. It produces superb images with minimum intervention and remarkable speed, satisfying even the most demanding and budget-conscious users.

- **Remarkable speed** – magicolor 7450II takes merely 10 seconds to deliver the first page. Expect up to 25 colour or mono-chrome A4 pages or 13 astonishing A3 pages per minute. Additionally, Emperon™ controller maximises document processing, bringing print time down significantly.

- **Control is key** – The latest technology allows you to reduce time and printing costs and maintain professional quality, ensuring total control of your budget. Simitri® polymerised toner enables economical printing of high quality images thanks to a unique colour management system

- **Diversity and security of printing** – Alphanumerical code entry before printing start and one upon collection ensures total privacy when needed. Flexibility in paper quality (up to 256 gsm) and size (A3+ or custom, e.g. 140–1200 mm) offers unlimited diversity and creativity.

- **Powerful management** – PageScope® Suite Management tools provide you up-to-date operations data so that you are on track all the time. It also gives the possibility of remote configuration and monitoring, allowing for greater flexibility. All-in-one consumables cartridge simplifies the whole process additionally.

- **Brilliant images** – PhotoART 9600 (600 x 600 x 4-bit contone) technology guarantees excellent images of vivid and vibrant colours. Simitri® polymerised toner guarantees accuracy of reproduction to the smallest detail, thanks to extremely fine particle shape and diameter. The optional CF card or hard disc stores profiles for fonts, forms, overlays and colour, ensuring a perfect colour match.

- **Instant/Direct access** – Forget about the PC for a moment and print pictures directly via PictBridge compatible camera (supports TIFF and JPEG formats).

magicolor 7450II **Colour workgroup printer** 25/25 ppm

Technical specifications

Print process

Print method
Desktop tandem full colour
A3 laser beam printer

Print speed A4
25 ppm colour
25 ppm monochrome

Print speed A3
13 ppm colour
13 ppm monochrome

First page out
11.5 seconds colour
9.5 seconds monochrome
(standard plain paper)

Warm-up time
99 seconds or less

Max. resolution
PhotoART 9600
(600 x 600 x 4 bit contone)

Duty cycle
120,000 pages per month

Hardware and software capabilities

Processor
Freescale PowerPC 7447A
@ 733MHz

Memory
256 MB standard, 1,024 MB max.

Hard disc ² (optional)
40 GB

CF card ¹
CF card slot standard,
CF card optional

Printer emulations
PostScript 3 (3016), PCL 6 (XL3.0)
PCL 5e/c

Direct Print
PDF (Version 1.6), JPEG, TIFF

Printer Management
PageScope® Net Care
PageScope® Web Connection
  (embedded web server)
PageScope® Network Setup
PageScope® EMS Plug-in
PageScope® Plug and Print
PageScope® NDPS Gateway
PageScope® Direct print

Colour simulations
SWOP, Commercial Press, Eurocolor,
DIC, TOYO Japan color, JMPA color,
SNAP, PANTONE® colour tables,
ICC device profiles

Fonts
137 standard PostScript fonts
93 PCL scalable fonts
51 symbol sets
10 standard line printer fonts

Interface support
10-/100-/1000-Base-T Ethernet
supports TCP/IP, EtherTalk, IPX/SPX,
NetBEUI, IPP 1.1, UDP, SNMP, HTTP,
HTTPS (for PS Web Connection only)
USB 2.0 (High-Speed)
PictBridge (Digital camera via
  USB host)

Operating system compatibility

Windows®
2000, XP (32/64), Vista (32/64),
7 (32/64), Server 2000,
Server 2003 (32/64),
Server 2008 (32/64)

Macintosh®
OS X (10.2, 10.3, 10.4, 10.5, 10.6)

Linux
Redhat v9.0, SuSE v8.2

Netware
Netware 4, 5, 6 or later

Paper handling

Standard paper input
250 sheet multipurpose feeder
100 sheet multi manual feed tray

Standard paper output
350 sheet face down output tray

Optional paper handling
500-sheet lower paper feeder
(up to 3 units)

Printable area
4 mm right/left
4,2 mm top/bottom (A4)
2 mm from all edges (A3W)

Media sizes supported
A3, A3 Wide (311 x 457), A4, B5,
B5(ISO), A5, A6, B6, B4, D8K, Ledger,
Legal, Letter, G-Letter, Statement,
Executive, Folio, UK Quatro, Foolscap,
G-Legal, 4" x 6", 12" x 18", custom
(90−311 x 140−1,200 mm)

Envelope sizes supported
Com10, C5, C6, DL, Monarch

Banner sizes supported
210 x 458 to 297 x 1,200 mm

Media weights supported
Plain paper (64−90 gsm)
Thick paper 1 (91−150 gsm)
Thick paper 2 (151−209 gsm)
Thick paper 3 (210−256 gsm)

Duplexing support (optional)
A5−A3 Wide
64−256 gsm

Print media supported
Plain paper, thick paper, recycled
paper, transperency, letterhead,
envelope, glossy paper, labels

Physical

Dimensions (D x W x H mm)
648 mm x 606 mm x 477 mm

Weight
51 kg without consumables
78 kg packaged to ship

Electrical

Input voltage range
220 V ~ 240 V (± 10%)

Frequency
50 ~ 60 Hz (± 3 %)

Power consumption
Max. 1,450 W or less
Average during printing 750 W or less
Standby 130 W or less
Enery saving 28 W or less

Environmental

Temperature
10 ~ 35°C

Humidity
15% to 85%

Noise levels
52 dB or less (A) (printing),
40 dB or less (A) (standby)

Regulatory/Safety conformity
Doc, CE Marking, GS, EMC, WEEE,
EcoMark

Consumables

Pre-installed
Toner
  CYMK − yield up 3,000 pages

Imaging Unit
CYM − yield up to 30,000 pages
K − yield up to 50,000 pages

Replacements
Toner
  CYM − yield up to 12,000 pages
  K − yield up to 15,000 pages
Imaging Unit
  CYM − yield up to 30,000 pages
  K − yield up to 50,000 pages
Waste toner bottle
Yield up to 18,000 pages

Maintenance parts

Transfer roller and Ozone filter
Yield up to 120,000 pages

Transfer belt
Yield up to 120,000 pages

Fuser unit
Yield up to 120,000 pages

Pick roller
Yield up to 200,000 pages

Warranty period and conditions
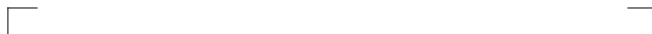1 year on-site warranty
(within EU; local law applies)

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¹⁾ CF card enables: direct print, storing of fonts/overlays/profiles/macro
²⁾ Hard disc enables: secure print, print & hold, proof & print, job storing, collating, accouting in addition to all extra functions with CF card

- All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.
- All specifications relating to printing speeds refer to A4-size paper that is printed in multipage, simplex mode.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual consumables life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice. Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
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