

# FS-1320D

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## A PROFESSIONAL PRINTER WITH THE SOUND OF SILENCE.

Designed to handle print volumes of demanding individual users, the FS-1320D is a compact and very quiet desktop printer you always can count on. With its excellent noise level regulation this robust and highly reliable personal printer fits in every business environment. Fast and efficient, the FS-1320D comes with duplex functionality for double-sided printing, making this professional device even more economical.

- Up to 35 pages per minute in A4
- Standard duplex functionality for double-sided printing
- Max. paper capacity of up to 800 sheets
- PowerPC 405F5 / 360 MHZ, up to 544 MB RAM
- Compact design, robust and dependable
- Highly reliable thanks to long-life components
- Noise level regulation
- Exceptionally low printing costs

LED control panel makes operation easy.



By printing in half-speed mode you can reduce the noise level and enjoy the benefit of silent operation.



# FS-1320D

MONOCHROME DESKTOP PRINTER FOR A4 FORMAT



ECOSYS stands for ECOlogy,  
ECONomy and SYStem-printing.

With their long-life components, ECOSYS devices are designed to maximise durability and minimise the total cost of ownership with regard to maintenance, administration and consumables. The cartridge-free system means that only the toner has to be replaced regularly. The modular design concept allows you to add workflow-enhancing functions as required. Integrated system software provides long-term cross-network compatibility. KYOCERA's long-life components cost you and the environment less.

#### PRESCRIBE IIe

With the KYOCERA page design and control language PRESCRIBE IIe, even complex graphics, logos and forms (multipart forms) can be created independently on the system and saved and updated in the printer. Consequently, integration into print files no longer applies. They are only accessed as required and therefore relieve the load on the network.

#### The KM NetViewer

The KM NetViewer enables complete monitoring and control of all ECOSYS printers and digital KYOCERA multifunction units from any Windows® PC and thus provides ideal network administration. It also supports the standardised SNMP protocol.

#### Status Monitor and Command Center

The Status Monitor shows the current printers condition and gives direct access to the Command Center for the modification of settings that are not contained in the drivers (e.g. network settings, adjustment of sleep mode or blocking of the control panel).

#### General

##### Technology

KYOCERA ECOSYS Laser

##### Engine speed

Up to 35 pages per minute in A4

##### Resolution

Fine 1,200 dpi

##### Duty cycle

Max. 50,000 pages per month

Max. average 2,800 pages per month

##### Warm-up time

Approx. 19 seconds or less from power on

##### Time to first page

Approx. 7 seconds or less

##### Dimensions (W x D x H)

375 mm x 393 mm x 250 mm

##### Weight

Approx. 12 kg (main unit)

##### Power source

220/240 V, 50/60 Hz

##### Power consumption

Printing: 544 W

Stand-by: 7.2 W

Power-Saving (ECOpower): 4.3 W

##### Noise (ISO 7779 / ISO 9296)

Printing in full-speed mode: 55 dB(A)

Printing in half-speed mode: 49 dB(A)

Stand-by: 30 dB(A)

##### Safety standards

GS, TÜV, CE

This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

#### Paper handling

All paper capacities quoted are based on a paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.

#### Input capacity

50-sheet multi-purpose tray; 60-220 g/m<sup>2</sup>;

A4, A5, A6, B5, Letter, Legal, Custom  
(70 x 148 – 215.9 x 356 mm)

250-sheet universal paper cassette, 60-120 g/m<sup>2</sup>;

A4, A5, A6, B5, Letter, Legal, Custom  
(105 x 148 mm – 215.9 x 297 mm)

Max. input capacity incl. options: 800 sheets A4

#### Duplex functionality

Duplex as standard supports A4, A5, B5,  
Letter, Legal, 60-105 g/m<sup>2</sup>

#### Output capacity

250 sheets face-down

#### Controller

##### CPU

PowerPC 405F5/360 MHz

##### Memory

32 MB RAM + EComemory + 512 MB in 1 SDRAM DIMM slot

##### Standard interface

USB 2.0 (Hi-Speed), KUJO interface slot

##### Controller language

PRESCRIBE IIe

##### Emulations

PCL6/PCL5e incl. P.J.L, KPDL 3 (PostScript 3 compatible) with automatic emulation sensing (AES),  
Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630

##### Operating systems

All current Windows operating systems,  
Mac OS X Version 10.2 or higher,  
UNIX, LINUX as well as other operating systems on request

##### Fonts/Barcodes

80 outline fonts accessible in all emulations,  
1 bitmap font, 45 types of one-dimensional barcodes plus  
two-dimensional barcode PDF-417

#### Consumables

##### TK-170 Toner-Kit

Microfine toner for 7,200 pages A4 in accordance  
with ISO/IEC 19752

Capacity of starter toner is 2,300 pages A4 in accordance  
with ISO/IEC 19752

#### Options

##### PF-100 Paper feeder (max. 2 units)

Max. 250 sheets; 60-120 g/m<sup>2</sup>; A4, A5, B5, Letter, Legal,  
Custom (148 x 210 mm – 215.9 x 297 mm)

##### CB-130 Cabinet

Desk with storage capacity

##### Memory upgrade

1 SDRAM DIMM slot (64, 128, 256, 512 MB)

##### CompactFlash\* card

1 slot (up to 4 GB) for printing forms, fonts, logos, macro  
storage

##### Optional interface

PS159: Wireless LAN (802.11b/g)

PS1109 Gigabit Ethernet:

10BaseT / 100BaseTX / 1000BaseT (RJ-45)

PS129 Fibre Optic: 100BaseSX (SC)

PS1129 Gigabit Fibre Optic: 1000BaseSX (SC)

#### Model variations

FS-1320DN – incl. intergrated IB-23 Network card

#### Maintenance

**MK-170 Maintenance-kit:** 100,000 pages

#### Warranty

2-year warranty as standard.

KYOCERA guarantees the drum and developer for 3 years or maximum 100,000 pages (whichever occurs sooner), provided each printer is used and cleaned in accordance with the service instructions.

**KYO LIFE** The up to 3-year on-site warranty extension for printer and options.



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Product depicted includes optional extras.

**KYOCERA**