

ENVIRONMENTAL DATASHEET

SYSTEM INFORMATION

System:

e-STUDIO330AC

Printing/Copying Speed:

33 ppm monochrome
33 ppm colour

Supplies:

Toner T-FC330EK, T-FC330EY, T-FC330EM, T-FC330EC
Process Unit PU-FC330-K, PU-FC330-Y, PU-FC330-M, PU-FC330-C



- Duplex unit as standard
- Capable to operate with recycling paper (EN12281)
- Internal toner recycling
- Energy Saver modes available
- Safety Data Sheet (SDS) for toner available

NOISE EMISSION

Measured according to Blue Angel (DE-UZ 205) ISO 7779 / ISO 9296

	A-weighted sound power L_{WA}	Declared A-weighted sound power L_{WAd}
Ready	41,7 dB(A)	44,7 dB(A)
Printing mono	65,8 dB(A)	68,8 dB(A)
Printing colour	65,7 dB(A)	68,7 dB(A)

The device meets the noise emission requirements of the following voluntary programmes:

- Blue Angel (DE-UZ 205)
- Nordic Swan 6.6

CHEMICAL EMISSION

Measured according to Blue Angel (DE-UZ 205)

	Print phase (mono) ¹⁾	Print phase (colour) ¹⁾	Pre-operating phase (mono) ¹⁾	Pre-operating phase (colour) ¹⁾
Ozone	<0,41 (LOD) mg/h	0,42 mg/h		
Styrene	<0,10 (LOD) mg/h	0,11 mg/h		
Dust	n.a.	<0,80 (LOD) mg/h		
TVOC	0,59 mg/h	0,91 mg/h	0,026 mg/h	0,018 mg/h
Benzene	<0,02 (LOD) mg/h	0,02		
Unidentified single VOC	Pass	pass		
Particle emission rate	n.a.	0,708 x 10 ¹¹ /10min		

1) LOQ/LOD = Limit of Quantification/Limit of Detection

The device meets the chemical emission requirements of the following voluntary programmes:

- Blue Angel (DE-UZ 205)
- Nordic Swan 6.6

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POWER LEVEL at 230 V AC

Measured according to ENERGY STAR® for Imaging Equipment Blue Angel (DE-UZ 205)

Ready	63,45 W	Plug-in Off	0,184 W
Low Power	40,08 W	Power max.	1170 W
Sleep	0,44 W	cont. printing mono	447 W

Typical Energy Consumption (TEC): 1,295 kWh/week based on ENERGY STAR® for IE, Version 2.0
0,38 kWh/week based on ENERGY STAR® for IE, Version 3.0

The device meets the power consumption requirements of the following voluntary programmes:

ENERGY STAR for Imaging Equipment, v. 2.0 Blue Angel (DE-UZ 205) Nordic Swan 6.6
 ENERGY STAR for Imaging Equipment, v. 3.0

PACKAGING DATA

Cardboard / Paper	5402 g	EPS/EPE	0,635 g
Plastics	0,703 g	Wood (Palette)	5000 g

CHEMICALS / MATERIAL

1st battery: Lithium 3,2 g

Cover/housing

Material: ABS-FR(40), PC+ABS-FR(40), PC-FR(40)
Flame Retardants Free from halogens and chlorinated paraffins
Marking: Plastics marked according to ISO 11469

Recycled plastic usage-ratio (based on EPEAT calculation procedure):

12,4 weight-% per total plastics, respectively 1,768 kg

Device is compliant to the RoHS-Directive Device and material comply to REACH-Regulation

TAKE-BACK PROGRAMMES

For devices according to WEEE-Directive
 For batteries according to Battery Directive
 For packaging material according to Packaging Directive

OTHERS

Manufacturing site certified according to:

ISO 14001 (Environmental Management System)
 ISO 9001 (Quality Management System)
 ISO 18001/45001 (Occupational Health and Safety Management System)