

## ENVIRONMENTAL DATASHEET

### SYSTEM INFORMATION

**System:** **e-STUDIO5015AC**

**Printing/Copying Speed:** 50 ppm monochrome  
50 ppm colour

**Supplies:**  
 Toner T-FC415EC, T-FC415EM, T-FC415EY, T-FC415EK  
 Developer D-FC505-C, D-FC505-M, D-FC505-Y, D-FC505-K



- Duplex unit as standard
- Capable to operate with recycling paper (EN12281)
- Internal toner recycling
- Energy Saver modes available
- Material Safety Data Sheet (MSDS) for supplies 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 $L_{wAd}$	A-weighted sound pressure $L_{pA, 1m}$	A-weighted sound pressure $L_{pA}$ , at operator position
Ready mode	50,7 dB(A)	53,7 dB(A)	36,8 dB(A)	40,6 dB(A)
Printing mono	66,1 dB(A)	69,1 dB(A)	51,9 dB(A)	50,5 dB(A)
Printing colour	66,1 dB(A)	69,1 dB(A)	52,0 dB(A)	50,8 dB(A)

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

- Blue Angel (DE-UZ 205)
- Nordic Swan 6.5

### CHEMICAL EMISSION

Measured according to  Blue Angel (DE-UZ 205)

	Print phase (mono) <sup>1)</sup>	Print phase (colour) <sup>1)</sup>	Pre-operating phase (mono) <sup>1)</sup>	Pre-operating phase (colour) <sup>1)</sup>
Ozone	<0,4 (LOD) mg/h	1,1 mg/h		
Styrene	<0,04 (LOD) mg/h	0,04 mg/h		
Dust	n/a	<0,81 (LOD) mg/h		
TVOC	0,33 mg/h	1,36 mg/h	0,028 mg/h	0,031 mg/h
Benzene	<0,02 (LOD) mg/h	<0,02 (LOD) mg/h		
Unidentified single VOC	pass	pass		
Particle emission rate	n/a	$1,63 \times 10^{11} / 10min$		

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 6.5

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### POWER LEVEL at 230 V AC

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

Ready	92,45 W	Plug-in Off	0,01 W
Low Power	42,94 W	Power max.	1190 W
Sleep	0,58 W	cont. printing mono	669 W

Typical Energy Consumption (TEC): 2,249 kWh/week based on ENERGY STAR® for IE, Version 2.0  
0,635 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 6.5  
 ENERGY STAR for Imaging Equipment, v. 3.0

### PACKAGING DATA

Cardboard / Paper	8618 g	EPS/EPE	549 g
Plastics	592 g	Wood (Palette)	5470 g

### CHEMICALS / MATERIAL

1<sup>st</sup> battery: Lithium 3,2 g

#### Cover/housing

Material: ABS-FR(40), PC+ABS-FR(40), PC+PS-FR(40), PC-FR(40), PS+PPE-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):

8,5 weight-% per total plastics, respectively 1,971 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 (Occupational Health and Safety Management System)