

ENVIRONMENTAL DATASHEET

SYSTEM INFORMATION

System: 

Printing/Copying Speed: 75 ppm monochrome
65 ppm colour

Supplies:
Toner T-FC616E-C, T-FC616E-K, T-FC616E-M, T-FC616E-Y
Developer D-FC556-C, D-FC556-K, D-FC556-M, D-FC556-Y



- 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	52,3 dB(A)	55,3 dB(A)	37,1 dB(A)	37,8 dB(A)
Operation (print mono)	69,6 dB(A)	72,6 dB(A)	54,4 dB(A)	56,7 dB(A)
Operation (print colour)	69,5 dB(A)	72,5 dB(A)	54,3 dB(A)	56,0 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) ¹⁾	Print phase (colour) ¹⁾	Pre-operating phase (mono) ¹⁾	Pre-operating phase (colour) ¹⁾
Ozone	<0,4 (LOD) mg/h	1,0 mg/h		
Styrene	<0,1 (LOD) mg/h	<0,1 (LOD) mg/h		
Dust	n/a	<0,79 (LOD) mg/h		
TVOC	0,71 mg/h	1,19 mg/h	0,033 mg/h	0,029 mg/h
Benzene	<0,02 (LOD) mg/h	<0,02 (LOD) mg/h		
Unidentified single VOC	pass	pass		
Particle emission rate	n/a	0,422 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 6.5

ENVIRONMENTAL DATASHEET

POWER LEVEL at 230 V AC

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

Ready	153,7 W	Plug-in Off	0,034 W
Low Power	65,4 W	Warm-up max.	1280 W
Super Sleep	0,55 W	Cont. printing mono	1015 W

Typical Energy Consumption (TEC): 4,157 kWh/week, based on ENERGY STAR® for IE, Version 2.0
1,109 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	23.819 g	EPS/EPE/EPP	22 g
Plastics	1.039 g	Wood (Palette)	17.000 g

CHEMICALS / MATERIAL

1st battery: Lithium 3,2 g

Cover/housing

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

Recycled plastic usage-ratio (based on EPEAT calculation procedure):
17,5 weight-% per total plastics, respectively 7,801 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)