



Environmental Data Sheet

Page: 1/4 Version 0.90

Date: 07.11.2017

Date of revision:

Model: AccurioPress / AccurioPrint C3070

1	<u>Company</u>			
	Manufacturer/Supplier:	Konica Minolta Business Solutions Europe GmbH	Tel.:+49/511/7404-0	
	Address:	D-30855 Langenhagen, Europaallee 17	Fax:+49/511/741050	
		Before getting back to the editor, please contact your local support first		
	Editor:	Konica Minolta, Corporate Branding and Sustainability Markus Kelch markus.kelch@konicaminolta.eu	Tel.:+49/511/7404-361	Fax:+49/511/7404-396
2	<u>Tests/Approvals/Declarations</u>			
2.1	CE-conformity:	Declaration of Conformity	For this product an EC Declaration of Conformity according to EN17050-1 is available. It can be obtained from the editor on request.	
2.2	EC-Directives:	2014/35/EC 2014/30/EC 2011/65/EC	This product is in compliance with the listed EC directives: - Low Voltage Directive / Product Safety - EMV Directive / Electromagnetic Compatibility - RoHS2 directive	
2.3	Safety tests:	GS Mark will be applied	TUEV Rheinland	EN 60950-1
2.4	EAC certification	EAC certificate will be applied		
2.5	Electromagnetic compatibility (EMC):	EMC-Mark will be applied	TUEV Rheinland	EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 301 489-1, EN 301 489-3
2.6	ENERGY STAR:	EU ENERGY STAR program compliance	EU commission	This product is listed in the EU ENERGY STAR databases
2.7	Document authenticity:	PTS-certificate will be applied	Papiertechnische Stiftung (PTS)	Ordinance for Lawyers and Notaries in Germany (DONot), § 29
2.8	Quality management:	ISO 9001 certification	This product was manufactured under a certified Quality Management System according to ISO 9001.	
2.9	Environmental Management:	ISO 14001 certification	This product was manufactured under a certified Environmental Management System according to ISO 14001.	

Environmental Data Sheet

Page: 2/4 Version 0.90

Date: 07.11.2017

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3 General Information

3.1	Copy rate:	81 copies per minute (Black and white) 71 copies per minute (Colour)	
3.2	Weight:	about 316 kg	Basic System only
3.3	Dimensions:	800 (W) x 903 (D) x 1076 (H) mm This is a volume of 777.3 litre.	Basic System + OC-511
3.4	Environmental programmes:	This product conforms to the following voluntary environmental program requirements:	Konica Minolta Environmental Policy Konica Minolta Product Environmental Assessment All production sites have ISO 14001 certification. Konica Minolta Environmental Report including environmental accounting report is published annually. http://konicaminolta.net/environment/index.html
3.5	Extension of product lifetime:	The manufacturer offers on a voluntary base:	Spare parts availability: 5 years after end of production Service availability: 5 years after end of production (depends on service level agreement, business to business) Warranty: Depends on service level agreement, business to business
3.6	Materials:	The above-described product contain no*:	Cadmium (< 0.01%) Lead Hexavalent chromium Mercury (except for a fluorescent lamp) PBB and PBDE (Polybrominated biphenyls and their ethers contained in mechanical plastic parts in concentrations exceeding the natural background levels) Ozone depletion substances, according to those categories that are already banned in the Montreal protocol Chloroparaffines with chain length 10-13 atoms, chlorination greater than 50% contained in mechanical plastic parts PCB or PCT Large-size plastic case parts (weighing more than 25g) do not contain the halogenated flame proofing agents. Asbestos * Impurity threshold level: less than 0.1%

4 Emissions / Materials:

Measured value

4.1	Operating noise:	Sound power, Lwa*	Standby	61.0 dB(A)
			Printing colour	79.0 dB(A)
			Printing b/w	79.0 dB(A)
		Sound power declared, Lwad	Standby	64.0 dB(A)
			Printing colour	82.0 dB(A)
			Printing b/w	82.0 dB(A)
		Sound pressure, bystander position, Lpa+	Standby	nm
			Printing colour	nm
			Printing b/w	nm

Basic unit without accessories

* measured and declared according to ISO7779, RAL-UZ 171

+ workspace related emission value, bystander test position:
h=1.50m; d=1.00m

nm not measured

Environmental Data Sheet

Page: 3/4 Version 0.90

Date: 07.11.2017

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4.2	Energy:	Max power consumption # Average power consumption °	<u>Measured value</u>											
			Max.	4200 W	at 230 V									
			Printing	2600 W	at 230 V									
			Standby	610 W 195 W 1.8 W 0.36 W	without energy-save with energy-save mode sleep-mode plug-in OFF mode									
			Applied standard test method: RAL-UZ171 # short-term max. value for mains fuse calculation ° calculation basis for power consumption											
ENERGY STAR TEC			<table><tr><td>8.809 kWh/week</td><td>Typical Energy Consumption value, weekly base, according to the definitions of ENERGY STAR</td></tr></table>			8.809 kWh/week	Typical Energy Consumption value, weekly base, according to the definitions of ENERGY STAR							
8.809 kWh/week	Typical Energy Consumption value, weekly base, according to the definitions of ENERGY STAR													
Heat generation			<table><tr><td>Printing</td><td>9,360 kJ/h</td><td></td></tr><tr><td></td><td>XX.X BTU/h</td><td>BTU 230V, based on the TEC value of this product (24 h x 7 days)</td></tr><tr><td>Standby</td><td>2,196 kJ/h</td><td>without energy-save</td></tr></table>			Printing	9,360 kJ/h			XX.X BTU/h	BTU 230V, based on the TEC value of this product (24 h x 7 days)	Standby	2,196 kJ/h	without energy-save
Printing	9,360 kJ/h													
	XX.X BTU/h	BTU 230V, based on the TEC value of this product (24 h x 7 days)												
Standby	2,196 kJ/h	without energy-save												
4.3	Light:	Lightsource	White LED in scanner unit											
4.4	Gas generation:	<u>Substances</u>	<u>Operation</u>	<u>Measured value</u>										
				<u>Emission rate</u>	<u>Concentration</u>									
				<u>mg/h</u>	<u>mg/m³</u>									
Ozone			Standby	nm										
Styrene			Printing colour	XX.X mg/h	X.XXX mg/m³									
Benzene			Standby	nm										
TVOC			Printing colour	XX.X mg/h	X.XXX mg/m³									
4.5	Dust:	Fine dust	Standby	nm										
			Printing colour	XX.X mg/h	X.XXX mg/m³									
			Standby	nm										
			Printing colour	XX.X mg/h	X.XXX mg/m³									
4.6	Test conditions:	Basic unit without accessories	Test conditions according to RAL-UZ 205. Emission rate in mg/h. Calculation to evaluate the ambient air concentration rate in mg/m³: Room size 40 m³, Air exchange rate 0.5/h, Multi copy cycle. As the main purpose of this device is colour printing, the b/w measurement was not carried out. Regular maintenance. Measured values were evaluated on basis of one machine. Values many vary within production. The single measured value is not a confirmed condition.											



Environmental Data Sheet

Page: 4/4 Version 0.90

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nd = not detectable (below the detection limit)

nm = not measured

5 Consumables

5.1	Toner:	Toner black, cyan, magenta, yellow for AccurioPress/Print C3080, AccurioPress/Print C3070, AccurioPress C3080P	Components: Styrene acrylate resin, ferrite (iron oxide and manganese oxide), carbon black or organic pigments, wax, amorphous silica, titanium dioxide. Flashpoint over 350 °C. When used as intended (toner for office copies) no danger for health and environment. Avoid dusting. Test on mutagenic activity (AMES) showed negative results. Classification class for endangerment of water: WGK = 1 (Germany, slightly endangering water) Waste toner classification no.(EWC): 080318, GC020, green list, not hazardous waste																		
5.2	Waste toner box:	1 box	To be replaced after max. 130,000 pages																		
5.3	Photoconductor:	Photoconductors K/C/M/Y for AccurioPress/Print C3080/P, AccurioPress/Print C3070	Aluminium tube coated with organic material. Coating material does not pollute the environment.																		
5.4	Filter:	6 filters	The filters are to be replaced after 600,000 printouts																		
5.5	Batteries:	This product contains 2 batteries (lithium; CR2032; CR17335SE-FT1)	The batteries are in conformity with: 2006/66/EC (battery and accumulators). The documentation includes instructions concerning: - proper removal, - proper disposal. Disposal of batteries: follow the manufacturer's instructions																		
5.6	Recycled paper:	Papers according to EN 12281:2002 are suitable for use	Storage in climate-proof packaging recommended																		
5.7	Packaging material:	<table><tr><th>Material</th><th>Weight (kg)</th></tr><tr><td>Wood</td><td>24.4</td></tr><tr><td>Paper</td><td>19.4</td></tr><tr><td>Foamed plastic PS</td><td>3.9</td></tr><tr><td>Foamed plastic PE</td><td>0.3</td></tr><tr><td>Foamed plastic PP</td><td>0.4</td></tr><tr><td>Plastic PE</td><td>1.1</td></tr><tr><td>Plastic PP</td><td>0.1</td></tr><tr><td>Others</td><td>0.1</td></tr></table> <p>Packaging materials are free of PVC.</p>	Material	Weight (kg)	Wood	24.4	Paper	19.4	Foamed plastic PS	3.9	Foamed plastic PE	0.3	Foamed plastic PP	0.4	Plastic PE	1.1	Plastic PP	0.1	Others	0.1	
Material	Weight (kg)																				
Wood	24.4																				
Paper	19.4																				
Foamed plastic PS	3.9																				
Foamed plastic PE	0.3																				
Foamed plastic PP	0.4																				
Plastic PE	1.1																				
Plastic PP	0.1																				
Others	0.1																				
5.8	Disassembly/Recycling:	Mechanical plastic parts weighing more than 25g are marked according to ISO 11469. Of total plastic parts' weight >25g, recycled material content percentage is 5%.																			
5.9	Take back information:	The supplier offers take back and recycling services for products and consumables in many locations throughout the world. Customers are advised to contact their supplier representatives for additional information.																			
5.10	Documentation:	The documentation is available as printout on paper or as electronic file. The documentation does not use chlorine – bleached paper.																			
5.11	Other Environmental Features:	Polymerized toner reduces environmental impacts (CO2, NOx and SOx emissions during production of toner) by about 40% compared to conventional toners.																			