



Product and Environment Data Sheet

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Date: 21.03.2000

Date of revision: 14.01.2002

Model: PagePro 1100

1 <u>Company</u>			
Manufacturer/Supplier:	Minolta Europe GmbH	Phone:	+49/511/7404-0
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2 <u>Tests/Approval</u>				
2.1	Safety tests:	GS - Mark, approval No. S1 9950979 N - Mark DIN GOST certificate	TÜV Rheinland NEMKO / Norway DIN GOST TÜV Berlin-Brandenburg	EN 60950 (IEC 950), EN 60825
2.2	Electromagnetic compatibility (EMC):	EMC- Mark, approval No. XE 991211704389	TÜV Product Service	EN 55022 (B) EN 55024 EN 61 000-3-2 / 95 EN 61 000-3-3 / 95
2.3	German environment label:	Environment label according to RAL-UZ 85 No. 13166 dd. 08.03.00	RAL	Edition August 1997
2.4	Document authenticity:	PTS certificate No. 1378-Ü-2000-21.972	Papiertechnische Stiftung (PTS)	Ordinance for Lawyers and Notaries (DONot), § 26 and § 27. Valid for Germany only.
2.5	Quality management:	ISO 9000 certification	This product was manufactured under a Quality Management System according to ISO 9000.	
2.6	EC directives:	73/23/EEC (first marking 2000) 89/336/EEC 93/68/EEC	The product is in compliance with the listed EC directives.	
2.7	EC Declaration of Conformity	EN 45014	For this product, an EC Declaration of Conformity according to EN 45014 is available. It can be obtained from the editor on request.	

3 <u>Emissions</u>					
3.1	Operating noise:	Sound power, Lwa *	Standby	0 dB(A)	no noise
			Printing	57 dB(A)	
		Sound pressure, Lpa +	Standby	0 dB(A)	no noise
			Printing	50 dB(A)	
			* measured according to EN 27 779		
			+ workplace related emission, test position: h=1.50m; d=0.25m		



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		<u>Measured Value</u>		
3.2	Energy:	Max. power consumption # (at 230 V)	690 W	
		Average power consumption °	Standby 7 W Printing 192 W	with energy-save without energy-save
			# short-term max. value for power protection ° calculation basis for power consumption	
		Heat generation	Standby 25 kJ/h Printing 691 kJ/h	with energy-save without energy-save
3.3	Gas generation:	<u>Substances</u>		<u>Limit of MAK</u> <u>Limit of RAL-UZ 85</u>
		Ozone ¹⁾	1. measured value 0.002 mg/m ³ 2. measured value 0.002 mg/m ³	0.20 mg/m ³ 0.020 mg/m ³ 0.20 mg/m ³ 0.020 mg/m ³
		Styrene ^{1) 2)}	1. measured value 0 mg/m ³ 2. measured value 0 mg/m ³	85.0 mg/m ³ 0.070 mg/m ³ 85.0 mg/m ³ 0.070 mg/m ³
3.4	Dust:	Fine dust	1. measured value 0.029 mg/m ³ 2. measured value 0.029 mg/m ³	6.0 mg/m ³ 0.150 mg/m ³ 6.0 mg/m ³ 0.150 mg/m ³
3.5	Test conditions:	Basic unit without accessories	Multiprint cycle No room ventilation Regular maintenance Measured values were evaluated on one machine. They may vary. The single measured value is not a confirmed condition. ¹⁾ RAL-UZ 85 requires 2 measurements, each 1 hour, with additional calibration procedure of 1 hour. ²⁾ reference value as used for RAL-UZ 85	
3.6	Electrosmog:	Electromagnetic fields	This equipment has no emissions of electromagnetic fields which would endanger man or the environment.	

4		<u>Consumables</u>	
4.1	Toner:	MT Toner Page Pro1100	Components: Resin, carbon black, polypropylene, amorphous silica and dye. Flashpoint over 350 °C. Avoid dusting. Test on mutagenic activity (AMES) showed negative results. Slight risk for contamination of water: Classification class for endangerment of water: WGK = 1 (Germany)
4.2	Photoconductor:	Aluminium tube coated with organic material	Worn-out photoconductors can be disposed of with the household waste as the material is classified non-polluting.
4.3	Filter:	No ozone filters	
4.4	Recycled paper:	Papers according to DIN 19 309 are suitable	Storage in climatized packaging recommended.