



Ecma/TC38-TG3/2015/025 (Rev. 1 – 15 April 2015)

Annex B1 - Product environmental attributes Imaging equipment

The declaration may be published only when all rows and/or fields marked with * are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Canon	Logo
Company name *	Canon Europe Limited	
Contact information *	environment@canon-europe.com	Canon
e-mail address		
Internet site *	www.canon-europe.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.			
Type of product *	MFD		
Commercial name *	i-SENSYS MF443dw		
Model number *	i-SENSYS MF443dw		
Issue date *	2019/10/12		
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other		
Additional information			

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

About Annex B1

Annex B1 reflects Product environmental attributes relevant for Imaging products. The following items from the ECMA-370 Main body are not shown in the template:

P9.1 PTEC, ETEC and display resolution P12.1-P12.2 Ergonomic requirements.

Model number *	i-SENSYS MF443dw	Logo	0
Issue date *	2019/10/12		Canon

Product environmental attributes - Legal requirements Re						
Item	on the final action and a second and the second and	Require Yes	No	n.a.		
P1	Hazardous substances and preparations					
P1.1*	Products do comply with the current European RoHS Directive. (See legal reference and NOTE B1)	\boxtimes				
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.					
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\boxtimes				
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-		ш			
	trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.					
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).					
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	e 🔀				
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/week (see legal reference).					
	Comment: Max limit in legal reference when tested according to EN1811:2011-5.					
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	\boxtimes				
P2	Batteries					
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)					
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)					
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	\square	$\overline{\Box}$			
P3	Conformity verification & Eco design (ErP)					
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference).		$\overline{\Box}$			
	The Declaration of Conformity can be requested at (add link or e-mail address): http://www.canon-europe.com/ce-documentation/					
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference).					
	Required information is; given in item P15 or added to this document,	\boxtimes				
	available at (add URL): http://canon-europe.com/printers/	_	_	_		
P4	Consumable materials					
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0,01% (see legal reference and NOTE B1).	\boxtimes				
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0,1% by weight (see legal reference).	\boxtimes				
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there	$\overline{\boxtimes}$	$\overline{\sqcap}$	$\overline{\Box}$		
	are Community workplace exposure limits, the product/packaging is adequately labeled according to	_				
	applicable regulations and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).					
P5	Product packaging					
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium an hexavalent chromium by weight of these together.	d 🔀				
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(sused (see legal reference).	s) 🔀				
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea	al 🔀				
	Protocol (see legal reference).					
P6	Comment: Legal reference has no maximum concentration values. Treatment information					
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).					
. 5. 1	momator for 100,000, toutifier tubilities to available (000 logal follottio).					

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	i-SENSYS MF443dw	Logo	0
Issue date *	2019/10/12		Canon

	t environmental attributes - Market requirements (See General NOTE GN below)	_			
	- Environmental conscious design Requirement met				
Item P7	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.	
F/	Design Disassembly, recycling				
P7.1*	Parts that have to be treated separately are easily separable	\square	$\overline{\Box}$		
P7.2*	Plastic materials in covers/housing have no surface coating.		\dashv	$\overline{}$	
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.		╁	-H	
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.		$\overline{}$	╁	
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.				
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	\boxtimes			
	Product lifetime				
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	\boxtimes			
P7.8*	Upgrading can be done using commonly available tools	\boxtimes			
P7.9.	Spare parts are available after end of production for: years				
P7.10	Service is available after end of production for: years				
	Material and substance requirements				
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <i>PC+ABS</i> Material type: Material type:				
P7.12	Insulation materials of external electrical cables are PVC free.		\square		
P7.13	Insulation materials of internal electrical cables are PVC free.	$\overline{}$		$\overline{}$	
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1%				
	weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	t			
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low halogen as defined in IEC 61249-2-21. (See NOTE B2)	,			
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking:				
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):				
	TBBPA (additive) , TBBPA (reactive) (See NOTE B3), Other; chemical name: , CAS #:				
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:		П		
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in	1			
	concentrations above 0,1%:				
	1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: "				
	3. Chemical name: , CAS #: "				
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:				
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; and Hazard statements:				
	The source(s) for these classifications is/are found at (add URL(s)): , (See NOTE B5)				
P7.20*	Postconsumer recycled plastic material content is used in the product (See NOTE B6):	\boxtimes			
	If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of recycled material is 15.0 g.	ì			
L	b) The weight of recycled material is 15.0 g.				

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

Model number * i-SENSYS MF443dw			Logo					
Issue date * 2019/10/12				Canon				
Product	environn	nental att	ributes - Market red	quirements (cont	inued)		Requirement met	
Item				•	<u>, </u>		Yes No n.a.	
	Material and substance requirements (continued)							
P7.21*	Biobaseo	d plastic ma	aterial content is used i	n the product (See N	NOTE B7):			
			of the two alternatives					
				the biobased plastic	material content (calcu	lated as a perce	entage of	
	or tota	I plastic by	weight) is %.					
		weight of t	the biobased plastic ma	aterial is g.				
P7.22*	Liaht sou	rces are fr	ee from mercury, i.e. le	ess than 0.1 mg/lam	D.			
			pecify: Number of lamp		num mercury content pe	er lamp: r	ng	
P8	Batteries	S						
P8.1*	Battery c	hemical co	mposition: <i>Lithium</i>					
P9	Energy	consumpti	on (See NOTE B8)					
P9.1	For the p	roduct the	following power levels	or energy consumpt	ions are reported:			
Energy mo	ode *		Power level at	Power level at	Power level at	Reference/St		
			100 V AC	115 V AC	230 V AC	modes and te	est method *	
Sleep mod			W	W	W			
STAR® Op (OM) produ		Mode						
Standby/of		•	W	W	W			
ENERGY								
Mode (OM								
TEC value		GY STAR	kWh/week	kWh/week			AR (US scheme),	
TEC produ						Imaging Equ	iteria Version 2.0 for	
(TEC= Typ		ıy			0.33 kWh/week			
Consumpti	ion)						AR (US scheme), iteria Version 3.0 for	
						Imaging Equ		
MAX			W	W 1350 W		Canon's Own Standard		
Printing(A	(verage)		W	W	500 W	Canon's Ow	n Standard	
Standby			W	W	9.4 W	Canon's Own Standard		
Low Powe	er		W	W	W	Canon's Ow	n Standard	
Sleep			W	W	0.9 W	Canon's Own Standard		
			W	W	W			
F		. ==::						
External P	ower Supp	bly Efficiend	cy Level (International I	Efficiency Marking P	rotocol) *:			
Print/Scan	Speed *	:	38 images per minute					
Default tim	e to enter	energy sav	ve mode: 1 minutes					
P9.2*	P9.2* Information about the energy save function is provided with the product.							
P10	Emissio	ns						
	Noise emission – Declared according to ISO 9296 (See NOTE B9)							
P10.1			power level,					
					_{-WA,c} (B)			
	Idle	*	Standby	*	Not Detect			
	Operatio		Print Standby		7.22			
	Other mo		Tille		1.22			
			g to: X ISO 7779	ECMA-74				
	Micasule	a according	_	Conly if not covered t	ov ECMA-74)			

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic.

NOTE B8 A Guidance document on Energy Efficiency is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B9 A Guidance document on Acoustic Noise is available; $see \ \underline{http://www.ecma-international.org/publications/standards/Ecma-370.htm}$

Model number *	i-SENSYS MF443dw	Logo	0
Issue date *	2019/10/12		Canon

Product	environmental attributes - Market requirements (continued)	Require	ment	met	
Item	· , , , , , , , , , , , , , , , , , , ,	Yes	No	n.a.	
	Chemical emissions from printing products (See NOTE B10)				
P10.2*	Test performed according to ECMA-328 Determination of Chemical Emission Rates from Electronic	\boxtimes			
	Equipment (ISO/IEC 28360) , other specify:				
P10.3	Typical emission rate (operation phase) is (mg/h):			Ш	
	Electrophotographic devices: Ozone <loq(=0.13) 0.01="" 0.18="" 1.39="" 3.60<="" benzene="" dust="" styrene="" td="" tvoc=""><td></td><td></td><td></td></loq(=0.13)>				
	Ink devices: Dust Styrene Benzene TVOC			$\overline{\boxtimes}$	
	Note: compliance with maximum emission rates in eco labels to be declared in P14.				
P11	Consumable materials for printing products				
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	\square		\Box	
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN 12281.				
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	\boxtimes			
P11.4*	The product is delivered to end-user with default auto-duplex enabled.		Ħ	Ħ	
P13	Packaging and documentation				
P13.1*	Product packaging material type(s): Corrugated Paper weight (kg): 4.86				
	Product packaging material type(s): <i>EPS</i> weight (kg): <i>0.65</i>				
	Product packaging material type(s): PE weight (kg): 0.13				
P13.2*	Product plastic primary packaging is free from PVC.	\boxtimes			
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: 25%%				
P13.4*	Specify media for user and product documentation (tick box):			П	
	Electronic , Paper , Other				
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify:				
	Totally chlorine-free	Ц			
	Elemental chlorine-free	Щ			
	Processed chlorine-free				
P14	Voluntary programs:				
P14.1	The product meets the requirements of the following voluntary program(s):				
	ENERGY STAR® Criteria version: Date: Product category:				
	Eco-label: Criteria version: Date: Product category: Eco-label: Date: Product category: Product category:				
P15	Additional information (See NOTE B11)				
P1.1	Product on this declaration comply with EU RoHS Directive(2001/65/EU).				
	The current EU RoHS Directive restricts the use of following substances.				
	Lead				
	Mercury				
	Cadmium				
	Hexavalent chromium				
	Polybrominated biphenyls(PBB)				
	Polybrominated diphenyl ethers(PBDE)				
D4 7	Note; This is based on knowledge as of the date of this document.				
P1.7 10.1	http://canon-europe.com/about_us/sustainebility/business/reach_customer_statement/ Sound Pressure (LpAm)				
10.1	Bystander's position				
	Active(BW) (1-sided/2-sided) : 53 / 53 dB				
	Standby : Inaudible				
	Operator position				
	Active(BW) (1-sided/2-sided) : 58 / 58 dB Standby : Inaudible				

NOTE B11 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

NOTE B10 A Guidance document on Chemical Emissions is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

Legal references Europe Annex B1

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1, P4.1
(EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7, P4.2
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000, (Marketing and use of Ozone layer depleting substances)	P1.3, 5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
"REACH" Regulation (1907/2006), annex VII	P1.10
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2,3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) 1907/2006 (REACH Regulation), Article 31, annex II)	P4.3
Regulation (EC) 1272/2008 (CLP Regulation)	P4.3, P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1