



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	WSM506-0E	Ultrasonic heat meter	
		WSx506-BE	Ultrasonic heat meter	
		WSM515-0E	Ultrasonic heat meter	
		WSx515-BE	Ultrasonic heat meter	
		WSM525-0E	Ultrasonic heat meter	
		WSx525-BE	Ultrasonic heat meter	
<b>Process control</b>	Landis+Gyr GmbH			
	HEAT			
	Humboldtstrasse 64			
	90459, Germany			
	Management System	since	by	
ISO 9001 (Quality)		DQS		
ISO 14001 (Environment)		DQS		
OHSAS 18001 (OH&S)		DQS		
<b>Product use</b>	Typical energy consumption	1kWh/a		
		Power required to operate the device is supplied by batteries		
	Maintenance	Not necessary		
<b>Risk of fire</b>	Fire protection according to	EN60730		
	Fire load	7MJ		
<b>Packaging</b>	20-PAP Corrugated fibreboard	Folding box	58g	
	22-PAP Paper	instruction	108g	
	Notes on disposal	One-way, recyclable		
<b>Materials</b>	Total weight of device	variant *) see below		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
<b>Plastics</b>	PC; GF 10%	Lower housing	28g	
	ABS	Cover	22g	
	TPE-S	Cover seal	3g	
	PA; GF 40%	Measuring tube 130 QN2,5	variant	
	PC	Battery cover	12g	
	TPE-S	Rubber mat	6g	
	PA; GF 40%	Measuring tube 110 QN0,6	variant	
	PA; GF 40%	Measuring tube 110 QN1,5	variant	
	EPDM	O-Rings	2g	
	PPS	Cable screw connection	3g	
	PBT; GF 30%	Transducer cover	25g	
	EPDM	Flat rubber seal 110	variant	
	EPDM	Flat rubber seal 130	variant	
	<b>Metals</b>	Steel >5% alloyed; blank	Steel components 110	variant
		Steel >5% alloyed; blank	Steel components 130	variant
Cu		Copper Components	1g	
Steel		Seal	2g	
<b>Others</b>	Li-ion	1st battery / accumulator	35g	
	Cu/PVC	Cable / wire	54g	

Building Parts

	Cu/TPE-U	Cable / wire	67g
	Ceramic	Piezo	2g
	CU/PVC	Cable M-Bus	variant
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnAgCu	PCB-A	28g
	FR4; halogenated; solder SnAgCu	PCB-A wM-Bus	variant

\*Variant parts list

	WSM506-0E	WSx506-BE	WSM515-0E	WSx515-BE	WSM525-0E	WSx525-BE						
[g] Total weight of device	345	386	345	386	366	407						
Measuring tube 130 QN2,5					73	73						
Measuring tube 110 QN0,6	54	54										
Measuring tube 110 QN1,5			53	53								
Flat rubber seal 110	2	2	2	2								
Flat rubber seal 130					2	2						
Steel components 110	6	6	6	6								
Steel components 130					6	6						
Cable M-Bus		34		34		34						
PCB-A wM-Bus		7		7		7						

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

The device contains the following substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.

Lead titanium zirconium oxide, CAS-Nr.12626-81-2

(Status according to the creation date of this document.)

The device is low-halogen with exception of:  
2x PCB (TBBA); 2x PVC-Cable; Battery

**Legal Disclaimer: This declaration is for information purpose only.**

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period. Landis+Gyr GmbH therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.