DECLARATION OF COMPLIANCE WITH FOOD CONTACT LEGISLATION

1. Company Identification

We, Digmesa AG, Keltenstrasse 31, 2563 Ipsach, Switzerland, declare that the article and materials thereof described hereunder and assembled at our headquarters and manufacturing site at once in Switzerland are compliant with the corresponding food contact requirements listed in the present document.

2. Description of the article

Commercial name: Flowmeter FHKSC

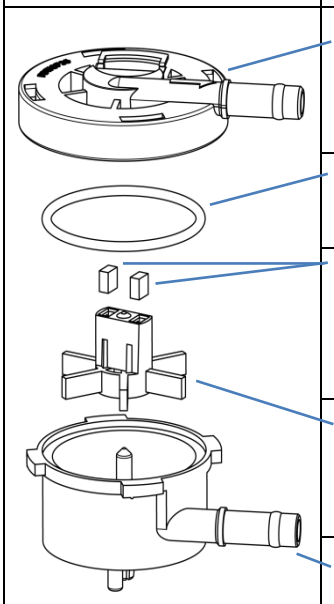
Item numbers (with x for digit from 1 to 9):

932-95xx-Axxx
932-95xx-Bxxx
974-95xx-Axxx
974-95xx-Bxxx

Picture of the article
(some versions may vary slightly)

Description: The FHKSC flowmeter is a general-purpose device that has been specially designed for coffee machines that use vibratory pumps. The device is installed between the water container and the vibratory pump (on the suction side) and in this way prevents the measuring errors that arise during pulsating water flow caused by vibratory pumps.

Product build-up of parts intended to come into contact with food:

Product build-up	Part designation	Part number	Material type	Material formulation	Max. food contact area (cm^2)
	Upper housing part	310-450x	Plastic PBT with 35% glass-fibre (GF)	Pocan® B3236FC (formerly Arnite TV4 270)	18.9
	O-Ring	350-0414	Silicone elastomer	Pertec UP VMQ 70.501-01	2.64
	Magnets	480-0000	Ceramic Hard ferrite	A) Blockmagnet HF 28/26 B) Ferrimax special	0.96
	Turbine / impeller	327-0000-04	Plastic PP	Moplen HP500N coloured with Ampacet 156168 Masterbatch	15.83
	Lower housing part	313-45xx	Plastic PBT + 35% GF	Pocan® B3236FC (formerly Arnite TV4 270)	21.7

3. Confirmation that those materials or items meet the relevant requirements of Food contact regulations

The materials and/or items covered by this Declaration comply with the relevant requirements laid down in Framework Regulation (EC) no. 1935/2004, Regulation (EC) no. 2023/2006 and other European and national texts applicable, listed below:

Relevant categories of materials	List of regulations and / or other references texts applicable	Means of Compliance	
		Testing	DoC from Suppliers
Plastics	- **European Union**: Regulation no. 10/2011 on plastic materials and articles and its amendments up to reg. no. 2025/2240	☒	☒
	- **Finland**: Finnish Food Act No. 23/2006	☒	
	- **France**: French Decree No. 2007-766 on materials and articles intended to contact with food and its amendments	☒	
	- **Germany**: LFGB (Lebensmittel- und Futtermittelgesetzbuch) §30, §31 and its amendments	☒	
	- **Italy**: Ministerial Decree of 21/3/1973 and its amendments	☒	
	- **Netherlands**: The Dutch Regulation on commodities in contact with food (Warenwet)	☒	
	- **Switzerland**: Food and Commodity Ordinance SR 817.02	☒	
	- **USA**: (FDA) and its amendments, Title 21 CFR 177.1520-Olefin polymer and 21 CFR 177.1660-Poly (tetramethylene terephthalate)		☒
	- **Mercosur**: GMC Res. No. 3/92 General criteria of packaging and food equipment in contact with foods Res No. 32/10 Technical regulation on migration from plastic Res. No. 56/92 General provisions for food contact equipment	☒	☒
	- **China**: GB 4806.7-2023 National food safety standard - plastic materials and articles for food contact use	☒	☒(2)
	- **Japan**: Japan Food Sanitation Act, Specifications and Standards for Food, Food Additives, etc. (1959 MHLW Notice No. 370) with Amendments (Positive list of 28th of April 2020)	☒	☒
	- **Singapore**: Sale of Food Act	☒	☒(3)
	- **South Korea**: Standards & Specifications for Food Utensils, Containers & Packaging - Ministry of Food and Drug Safety	☒	☒(3)
	- **Taiwan**: Sanitation Standard for Food Utensils, Containers and Packages	☒	
	- **Thailand**: Food Act B.E. 2522 (1979) and Notification of the Ministry of Public Health (No. 295) B.E. 2548	☒	
	- **Phthalates free**	☒	☒
	- **No intentionally added bisphenols** after regulation no. (EC) 2024/3190(1)	☒	☒

(1) Only valid for flowmeters produced from 20th of April 2026.
(2) Only valid for Moplen HP500N (PP used for the turbine)
(3) Only valid for Pocan® B3236FC (PBT used for housing parts)

Relevant categories of materials	List of regulations and / or other references texts applicable	Means of Compliance	
		Testing	DoC from Suppliers
Colouring / Masterbatch	- **European Union**: Regulation no. 10/2011 on plastic materials and its amendments up to regulation no. 2025/2240 and Resolution AP (89) 1 on the use of colorants in plastic materials coming into contact with food	☒	☒
	- **Finland**: Finnish Food Act No. 23/2006	☒	
	- **France**: French Positive list (Circulaire No. 176 1959 and its amendments) and French Decree No. 2007-766	☒	☒
	- **Germany**: LFGB §30, §31 and BfR Recommendation IX on Colorants for Plastics and other Polymers used in Commodities	☒	☒
	- **Italy**: Ministerial Decree of 21/3/1973 and its amendments	☒	☒
	- **Switzerland**: Food and Commodity Ordinance SR 817.02	☒	☒
	- **USA**: FDA Title 21 CFR §177.1520(c)2.1, 3.1a and 21 CFR 178., GRAS		☒
	- **China**: GB 4806.7-2023 and GB 9685-2016		☒
	- **Japan**: Japan Food Sanitation Act, Specifications and Standards for Food, Food Additives, etc. (1959 MHLW Notice No. 370) with Amendments (Positive list of 28th of April 2020)	☒	☒
	- **Phthalates free**	☒	☒
	- **No intentionally added bisphenols** after regulation no. (EC) 2024/3190		☒
Silicone	- **European Union**: Resolution ResAP(2004)5 on silicones	☒	☒
	- **Finland**: Finnish Food Act no. 23/2006	☒	
	- **France**: French Decree 2007-766, Order of 25/11/1992 on materials and articles made of silicone elastomers	☒	☒
	- **Germany**: LFGB §30, §31 and BfR Recommendation XV on silicone	☒	☒
	- **Italy**: Ministerial Decree of 21/3/1973 and its amendments	☒	☒
	- **Netherlands**: The Dutch Regulation on commodities in contact with food Verpakkingen- en gebruiksartikelenbesluit	☒	☒
	- **Switzerland:** Ordinance 817.023.21 on commodities with Food contact applications and its amendments	☒	
	- **USA**: FDA 21 CFR 177.2600	☒	☒
	- **Mercosur**: GMC Res. no. 03/92, No. 28/99 and No. 54/97	☒	
	- **China:** GB 4806.11-2016 & -2023 National food safety standard: rubber materials and products for food contact use	☒	☒
	- **Japan**: Japan Food Sanitation Act, Specifications and Standards for Food & Additives (1959 MHLW Notice No. 370)	☒	
	- **Singapore:** Sale of Food Act	☒	
	- **South Korea**: Standards & Specifications for Food Utensils	☒	
	- **Taiwan:** Sanitation Standard for Food Utensils, Containers and Packages	☒	
	- **Phthalates free**	☒	☒
	- **No intentionally added bisphenols** after regulation no. (EC) 2024/3190		☒

Relevant categories of materials	List of regulations and / or other references texts applicable	Means of Compliance	
		Testing	DoC from Suppliers
Ink-jet (on external side of lower part)	- **Europe**: Regulation no. 1935/2004 (indirect food contact) - **EuPIA Guideline on Printing Inks** applied to the non-food contact surface of food packaging materials and articles (May 2023) and Exclusion Policy for Printing Inks and related products (8th edition, April 2025) - **USA**: FDA Title 21 CFR §174-178 for indirect additives - **No intentionally added bisphenols** after regulation no. (EC) 2024/3190		☒ ☒ ☒ ☒
Ceramic / Glass	- **European Union**: Directives no. 84/500/EEC amended by 2005/31/EC for ceramic articles intended to come into contact with foodstuffs and EDQM "Technical Guide on Metals and alloys used in food contact materials" after Resolution CM/Res(2013) EEC. - **Finland**: Finnish Food Act no. 23/2006 - **France**: French Decree 2007-766 and DGCCRF Document for Food Contact Suitability of Metals and Alloys Intended to Come Into Contact with Foodstuffs - **Germany**: LFGB (Lebensmittel- und Futtermittelgesetzbuch) §30, §31 and its amendments - **Italy:** Ministerial Decree of 21/3/1973 and its amendments - **Netherlands**: The Dutch Regulation on commodities in contact with food Verpakkingen- en gebruiksartikelenbesluit, Annex A, Chapter IV - **Switzerland**: Ordinance 817.023.21 and its amendments - **Mercosur**: GMC Res. no.03/92, No.12/11 and no.46/06 - **China**: GB 4806.9-2023 food safety requirement for metals - **Japan**: Japan Food Sanitation Act, Specifications and Standards for Food, Food Additives, etc. - **Singapore**: Sale of Food Act - **South Korea**: Standards & Specifications for Food Utensils, Containers & Packaging - Ministry of Food and Drug Safety - **Taiwan**: Sanitation Standard for Food Utensils, Containers and Packages	☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒	

The declarant can provide the appropriate documentation in support of the said compliance.

Product Certification

Additionally, our products are classified **NSF/ANSI 169 - for Special Purpose Food Equipment and Devices –** according to Chapter 4 of the 2000 U.S. FDA Food Code. Please refer to the following link with the official NSF-listing: http://info.nsf.org/Certified/Food/Listings.asp?Company=28180&Standard=169

Particularities

☒ (EC)Regulation N° 450/2009 on active and intelligent materials and items intended to come into contact with food: n/a (not applicable)

☒ (EC)Regulation N° 282/2008 on recycled plastic materials and items intended to come into contact with foods: n/a

This declaration of compliance has been established in respect of the following:

☒ Declarations by suppliers of raw materials

☒ Overall Migration testing

Flowmeter part	Simulants	Time	Temperature	Repetitions with same samples
Upper & under housing parts	Distilled water	2 hours	70 °C	3 consecutive migration tests
Turbine / Impeller	Distilled water	2 hours	70 °C	3 consecutive migration tests
O-ring	Distilled water	24 hours	70 °C	n/a

Assessment of non-listed substances - Article 6 of (EU) Regulation N° 10/2011

☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011):

☐ If not, list substances and information relevant to the risk assessment

Name or description	Identification CAS no. - EINECS – N° de Référence MCDA
-	-

Assessment of non-intentionally added substances (NIAS):

☐ Not applicable

☐ If not, list substances and information relevant to the risk assessment.

☒ Risk assessment (article 18 of (EU) Regulation N° 10/2011): presence of substances was analyzed using the GC-QTOF-MS/FID screening method (PTV injection, DB-5 column and electron impact ionization). All relevant substances were compared with the NIST library and our internal library. The concentrations were calculated with the averaged area of the added internal standards. After subtracting the analysis blank, no substances > 0.0017 mg/piece and 0.0028 mg/dm2 were detected.

Flowmeter part	Food simulant	Test conditions	Name of substance	CAS-No.	Result (mg/kg)	Limit
Whole flowmeter	Distilled water	24 hours at 40°C, three times[4]	None	n/a	no detection	0.0017 mg/piece
Magnet	Artificial tap water	24 hours at 40°C, three times[4]	Metals	various	compliant	EDQM[5]

[4] Compliance was established on the findings on the third test for products intended for repeated use.

[5] EDQM Technical Guide on Metals and alloys used in food contact materials. Council of Europe, 2013, 1st edition. ISBN: 978-92-871-7703-2. https://www.edqm.eu/en/food-contact-materials-and-articles

4. Information on substances with restrictions

List of substance(s) subject to restriction and migration limits according to Regulation 10/2011/EC:

FCM No. (10/2011/ EC)	CAS No.	Name	Limits (mg/kg)	A*	W*	C*	M*
246	109-99-9	Tetrahydrofuran	0.6	x			
254	110-63-4	1,4-Butanediol	5.0	x			
433	2082-79-3	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	6.0	x			
779	182121-12-6	9,9-bis(methoxymethyl)fluorene	0.05	x			
785	0100-21-0	Terepthalic acid	7.5	x			

* Compliance with these limits was established by Analysis (A), Worst case (W), Calculation (C) or Modelling (M).

In the case of tests, specify the simulant(s) and test conditions:

Flowmeter part	Simulants	Time	Temperature	Repetitions with samples
Upper & lower housing parts	Distilled water	24 hours	40 °C	3 consecutive migration tests
Turbine / Impeller	Distilled water	24 hours	40 °C	3 consecutive migration tests

If not completed, specify reasons - refer to reference documents: **n/a**

List of substance(s) subject to restriction but without migration limits according to Regulation 10/2011/EC:

FCM No. (10/2011/ EC)	CAS No.	Name
106	57-11-4	Stearic acid

List of additives having multiple function after Regulation 10/2011/EC (e.g. food additive and packaging additive):

E number	Name of Additive	PM/REF N° and/or CAS N°
E 170	Calcium carbonate	471-34-1
E 470a	Calcium salts of fatty acids	977089-53-4
E 570	Fatty acids (stearic acid)	57-11-4

5. Information related to the intended use of the materials or items

Materials or items intended for infants and young children ☐ Yes ☒ No

Type of food intended to be placed in contact:

☐ All types of food products

or

☒ Beverage / aqueous foods (such as water)

☐ Acidic foods

☐ Fatty foods:

☐ Alcoholic foods

☐ Ice creams

If the material and / or item subject to (EU) Regulation N° 10/2011 is concerned by the application of a reduction factor, this should be mentioned:

☐ Reduction factor due to fat content
☐ Reduction factor related to D2 simulant
☒ Others: n/a

Contact conditions (time and temperatures) corresponding to the input data:

The article and materials thereof covered by this Declaration of Conformity is/are suitable for repeated use in contact with the above-mentioned type of food up to 40 °C for periods of time of 24 consecutive hours each.

Maximum surface / volume ratio in contact with food used to establish compliance of the material or item (if applicable): 0.6 dm^2 / 100 ml.

Precaution before use: please note, that the article has to be rinsed thoroughly with potable water (up to 50°C warm) prior to the first application.

Please refer to the instructions in the product data sheet for correct use[6]. By following these instructions, premature ageing or deterioration of the flowmeter can be avoided, including the components that come into contact with food.

Particular care should be taken not to exceed the temperature limit specified in this document with regard to food compliance. The use of any other fluid, cleaning products, descaling agents or other products not described here above (chapter 5) is entirely the responsibility of Digmesa's customers. Digmesa accepts no liability for any consequences arising from failure to comply with or disregard of this warning.

Malfunctioning of the flow meter, such as no flow or a drop in electrical pulses, should prompt the user to clean or descale the flow meter as appropriate. If these operations do not improve the situation, this may indicate mechanical damage requiring further investigation.

[6] Data sheets of some FHKSC flowmeter versions are available on Digmesa's webpage under Resources. To obtain further data sheets that are not online available, please contact your key account manager or sales@digmesa.com

6. Functional barrier (FB) in the case of multilayer materials according to Regulation N°10/2011

☒ Not applicable

Or tick the corresponding box if the materials meet the requirements when using a FB:

☐ Multi-layer plastics (Article 13 (2), (3) and (4) of (EU) Regulation N° 10/2011)

☐ Multi-layer materials (Article 14 (2), (3) and (3) of (EU) Regulation N°10/2011)

☐ The material covered by this declaration is to be used only behind a functional barrier

Please note, that this declaration (version 9) replaces the precedent versions of it.

By observing the above requirements, we have fulfilled our duty of care regarding the compliance of the product we supply.

This declaration is valid on condition that there is no modification of material composition, that its intended use has not changed and in the absence of significant regulatory changes. "The DGGCRF (French authority) recommends a maximum validity period of five years for test report. If changes likely to affect the inertia of the material have occurred during this period, the tests must be repeated." [7]

Compliance is understood to be subject to compliance with the conditions of storage, handling and use, taking into account the specific characteristics of the material or item, and the conditions such as prescribed by professional practices or codes.

In the event of changes to the nature of the packaged product, its composition or its intended use, as well as in the event of a change in the conditions for using the material or the item, the person for whom this declaration is intended must ensure the compatibility packaging / content for which s/he then accepts responsibility.

Name		Position
Stefan Schneider		CEO
Authorized signature and stamp		Place and Date
		Ipsach, 17th of April 2026
E-Mail contact		quality@digmesa.com

[7] (ANIA / Food Packaging Platform: Explanatory note, 2025. https://www.ania.net/alimentation-sante/declaration-conformite-materiaux-au-contact-denrees-alimentaires)