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

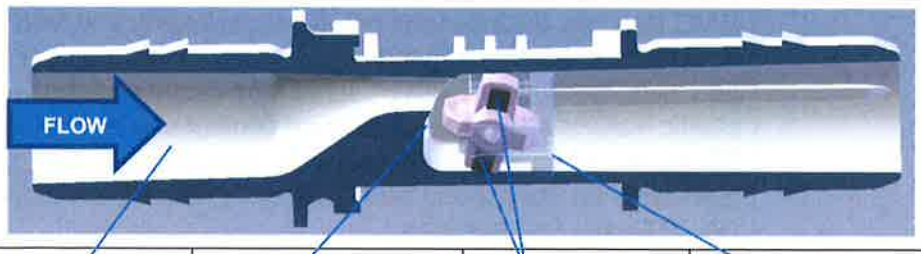
Commercial name: Flowmeter Nano DM60

Item numbers: 93N-6211-1100x with x for digit from 0 to 9

Description: The nano DM60 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 tank and the vibration pump (on the suction side). This way measuring errors that arise during pulsating water flow caused by vibration pumps are minimized.

Picture of the article:

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

Product build-up				
Part designation	Measuring tube	Turbine / Impeller	Magnets	Impeller cage
Part number	309-0002-02	527-0K02-01EX	480-0007	370-0001-01
Material type	Plastic PP	Plastic PVDF	Ceramic Hard ferrite	Plastic PP
Material formulation	MG141HP	Kynar 720 / 720E	Blockmagnet HF 28/26	Moplen HP500N
Max. food contact area (cm^2)	4.938	0.332	0.055	0.504

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) N° 1935/2004/EC, Regulation (EC) N°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/EU on plastic materials and articles and its amendments up to regulation 2025/2240/EU	☒	☒
	☒ 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	☒	
	☒ Netherland: The Dutch Regulation on commodities in contact with food "Verpakkingen- en gebruiksartikelenbesluit" (Warenwet)	☒	
	☒ Swiss Food and Commodity Ordinance SR 817.02	☒	
	☒ USA: (FDA) and its amendments, Title 21 CFR 177.1520- Olefin polymer and 21 CFR 177.2510(a) Polyvinylidene fluoride resins	☒	☒
	☒ Mercosur (Argentina, Brazil, Paraguay, Uruguay and Venezuela): GMC Res. No.32/10 Technical regulation on migration from plastic material, packaging and equipment intended to come into contact with foods GMC Res. No. 56/92 General provisions for Plastic packaging and food contact equipment GMC Res. No. 3/92 General criteria of packaging and food equipment in contact with foods	☒	
	☒ China: GB 4806.7-2023 National food safety standard - plastic materials and articles for food contact use	☒	☒
	☒ Japan: Japan Food Sanitation Act, Specifications and Standards for Food, Food Additives, etc. (1959 MHLW Notice No. 370) with Amendments	☒	☒
	☒ 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	☒	
	☒ Thailand: Food Act B.E. 2522 (1979) and Notification of the Ministry of Public Health (No. 295) B.E. 2548	☒	
	☒ Phthalates-free	☒	☒
	☒ Bisphenol-free after regulation 2024/3190/EU	☒	☒
☐ Colouring / Masterbatch	n/a (not applicable)		

Relevant categories of materials	List of regulations and / or other references texts applicable	Means of Compliance	
		Testing	DoC from Suppliers
☒ Ceramic / Glass	☒ European Union: Directives 84/500/EEC 84/500 amended by 2005/31/EEC 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: Regulation 165/2006	☒	
	☒ France: French Decree 2007-766 and DGCCRF Document for Food Contact Suitability of Metals and Alloys Intended to Come Into Contact with Foodstuffs	☒	
	☒ Italy: Ministerial Decree of 21/3/1973 and its amendments	☒	
	☒ Netherland: The Dutch Regulation on commodities in contact with food "Verpakkingen- en gebruiksartikelenbesluit"	☒	
	☒ Switzerland: Ordinance 817.023.21 and its amendments	☒	
	☒ USA (FDA): CPG Sec. 545.400 and CPG Sec. 545.450 for Pottery (Ceramics)	☒	
	☒ GB 4806.9-2023 food safety requirement for metal	☒	
	☒ The Dutch Commodities Act (Regeling Verpakkingen en Gebruiksartikelen (Warenwet)), Annex A, Chapter IV	☒	
	☒ Mercosur: GMC Res. No. 12/11 on Maximum Inorganic Contaminants in Food GMC Res. No. 46/06 for Metallic Packages and Articles in Contact with Food GMC Res. No. 3/92 General criteria of packaging and food equipment in contact with foods		
	☒ 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 - Special Purpose Food Equipment and Devices** -
according 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° 2022/1616 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 sample
Measuring tube	20% ethanol	24 hours	40 °C	3 migration tests
Turbine / Impeller	Distilled water 3% acetic acid 20% ethanol 20% ethanol	2 hours 10 days 1 hour 10 days	70 °C 40°C 100 °C 40°C	 3 migration tests 3 migration tests 3 migration tests
Impeller cage	Distilled water Distilled water 3% acetic acid 20% ethanol 20% ethanol	2 hours 10 days 10 days 1 hour 10 days	70 °C 40°C 40°C 100 °C 40°C	 3 migration tests 3 migration tests 3 migration tests 3 migration tests

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

Nom	Identification CAS - 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 detected by means of GC-MS and LC-QTOF/MS. In addition, the samples were heated in a headspace vial and the volatile substances were analyzed by means of headspace GC-MS.

Extractable and detectable substances were identified by comparing the NIST library and in-house library of the accredited laboratory. The substances are semi-quantified.

Flowmeter part	**Food simulant**	**Test conditions**	**Name of substance**	**CAS-No.**	**Result** (mg/kg)	**Limit**
Turbine with magnets	3% acetic acid	10 days at 50°C	Tributyl acetylcitrate	77-90-7	0.03	60 (1)
	Headspace GC-MS screening		Acetone	67-64-1	0.02	60 (1)
			1-propanol	71-23-8	0.70	60 (1)
Impeller cage	3% acetic acid	10 days at 50°C	Tributyl acetylcitrate	77-90-7	0.04	60 (1)
	20% ethanol				0.15	60 (1)
	3% acetic acid		2,4,7,9-Tetramethyl-5-decyn-4,7-diol	126-86-3	0.02	0.09 (2)
	20% ethanol				0.02	0.09 (2)
	Headspace GC-MS screening		Pentane	109-66-0	0.05	60 (1)
			2-Pentanol, 2,4-dimethyl-	625-06-9	0.03	0.09 (2)
Measuring tube	20% ethanol	24 hours at 40°C	Fatty acids	n/a	0.0096	60 (1)

(1) The substance is included in the union list of Regulation 10/2011/EU

(2) For Cramer Class III, the exposure threshold for this substance is 0.09 mg/60 kg-person/day or 0.09 mg/kg food (assumption: a person intakes 1 kg food per day).

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*
129	75-21-8	Ethylene oxide	ND**	x			
132	75-38-7	Vinylidene fluoride	5.0	x			
135	75-56-9	Propylene oxide	ND**	x			
779	182121-12-6	9,9-bis(methoxymethyl)fluorene	0.05	x			

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

** ND = Not detectable

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

Flowmeter part	Simulants	Time	Temperature	Repetitions with same sample
Measuring tube	20% ethanol	24 hours	40 °C	3 migration tests
Turbine / Impeller with magnets	In-house laboratory method not disclosed	unknown	unknown	n/a
	20% ethanol3% acetic acid	10 days 10 days	40°C 40°C	3 migration tests 3 migration tests
PVDF granule for turbine / impeller	20% ethanol	1 hour	100°C	3 migration tests
Impeller cage	Distilled water	24 hours	40 °C	3 migration tests

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

☒ Not applicable

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 470a	Calcium salts of fatty acids	977089-53-4
E 553b	Talc	14807-96-6

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: .....

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. By following these instructions, premature ageing or deterioration of the flow meter 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. 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 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 Directorate General for Competition, Consumer Affairs and Prevention of Fraud) suggests a maximum duration of 5 years for the validity period of the test reports; if changes that may cause a change in the inertness of the material have occurred during this period, the tests must be repeated." [3]

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.

Stefan Schneider	CEO
Name	Position
DIGMESA AG Keltenstrasse 31 CH-2563 Ipsach	Ipsach, 5th of February 2026
Authorized signature and stamp	Place and Date

[3] (ANIA / Food Packaging Platform: Instructions for completing the Declaration of Compliance with food contact legislation, March 2019. https://www.ania.net/alimentation-sante/declaration-conformite-materiaux-equipements-au-contact-denrees-alimentaires)