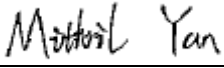



Test Report issued under the responsibility of:



TEST REPORT IEC 60335-2-15 Safety of household and similar electrical appliances Part 2: Particular requirements for appliances for heating liquids	
Report Number	180501969SHA-001
Date of issue	2018-08-10; Amendment 3: 2019-09-05
Total number of pages	10 pages of test report
Name of Testing Laboratory preparing the Report	Intertek Testing Shanghai Limited
Applicant's name	Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
Address	18.Yantanghe Road, Daqi Sub-district, Beilun District, 315000 Ningbo, Zhejiang, P. R. China
Test specification:	
Standard	IEC 60335-2-15:2012, AMD1:2016 for use in conjunction with IEC 60335-1:2010, AMD1:2013, AMD2:2016 EN 60335-2-15:2016 + A11:2018 used in conjunction with EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 EN 62233:2008
Test procedure	--
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_15O
Test Report Form(s) Originator	IMQ S.p.A.
Master TRF	Dated 2017-09
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General disclaimer: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	

Test item description :	Coffee Maker
Trade Mark :	--
Manufacturer	Same as applicant
Model/Type reference :	CM-101*(*=A or S), CM-102A, CM-105*(*=A, B, EA or EA1), CM-106*(*=A or S), CM-107*(*=A, B, BS or EA), CM-108*(*=blank, A, E, S, T, AT, ET or TS), CM-109*(*=blank, A, B, E, S, T, AT, BT, ES, ET, TS or ETS), CM-111*(*=-1 or A-1), CM-112*(*=blank, -1, A, B or A-1), CM-113, CM-116, CM-118*(*=A or A-1), CM-119*(*=blank or A), CM-121*(*=A, E, AT or ET), CM-122*(*=A, E, AT or ET), CM-123*(*=A or S), CM-125A, CM-126*(*=T or TA), CM-127*(*=E or ET), BV1500TS-*(*=CEV, CEB, SAA, SA or 01)
Ratings :	220-240V~, 50-60Hz, Class I CM-113: 420-500W; CM-101*(*=A or S), CM-102A, CM-106*(*=A or S): 550-650W; CM-111*(*=-1 or A-1), CM-112*(*=blank, -1, A, B or A-1), CM-116, CM-118*(*=A or A-1), CM-119*(*=blank or A): 650-750W; CM-108*(*=blank, A, E, S, T, AT, ET or TS), CM-109*(*=blank, A, B, E, S, T, AT, BT, ES, ET, TS or ETS), CM-123*(*=A or S), CM-125A, 126*(*=T or TA): 800W; CM-121*(*=AT or ET), CM-122*(*=AT or ET), CM-127ET: 900W; CM-105*(*=A, B, EA or EA1), CM-107*(*=A, B, BS or EA), CM-121*(*=A or E), CM-122*(*=A or E), CM-127E: 950W; BV1500TS-*(*=CEV, CEB, SAA, SA or 01): 1100W.

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Intertek Testing Shanghai Limited
Testing location/ address		Building No. 86, 1198 Qinzhou Road (North), Shanghai 200233, China
Tested by (name, function, signature)..... :		Mithril Yan/ Certification Engineer 
Approved by (name, function, signature) .. :		Gavin Fu/ Supervisor 
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	N/A
Testing location/ address		N/A
Tested by (name, function, signature)..... :		N/A
Approved by (name, function, signature) .. :		N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	N/A
Testing location/ address		N/A
Tested by (name, function, signature)..... :		N/A
Witnessed by (name, function, signature) . :		N/A
Approved by (name, function, signature) .. :		N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	N/A
Testing location/ address		N/A
Tested by (name, function, signature)..... :		N/A
Witnessed by (name, function, signature) . :		N/A
Approved by (name, function, signature) .. :		N/A
Supervised by (name, function, signature) :		N/A

List of Attachments (including a total number of pages in each attachment):

Constructional Data Form (CDF): 15 pages

Summary of testing:

From the result of our inspection and tests on the submitted samples, we conclude that they comply with the requirements of the standards.

Tests performed (name of test and test clause):

Refer to description for Amendment 3 (page 8) for details.

Testing location:

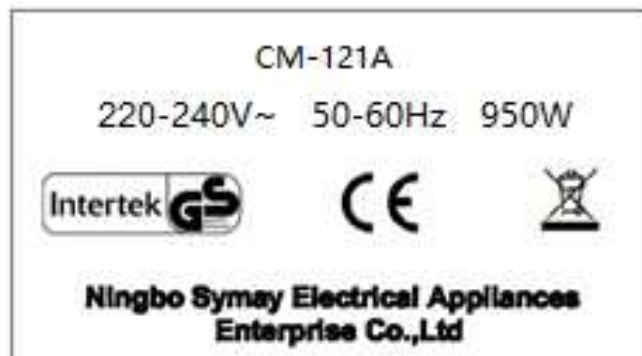
Same as previous page.

Summary of compliance with National Differences (List of countries addressed):

National differences for Germany, U.K and Italy have been checked

The product fulfils the requirements of EN 60335-2-15:2016+ A11:2018 used in conjunction with EN 60335-1:2012+AC:2014+A11:2014+A13:2017 and EN 62233:2008

Copy of marking plate(representative):



Note: When the equipment is vended to EU, then name and address of the importer or authorized representative within the EEA shall be added on the equipment.

<p>Test item particulars:</p> <p>Classification of installation and use: Portable and indoor use only</p> <p>Supply Connection: Type Y</p> <p>.....:</p>			
<p>Possible test case verdicts:</p> <p>- test case does not apply to the test object.....: N/A</p> <p>- test object does meet the requirement: P (Pass)</p> <p>- test object does not meet the requirement.....: F (Fail)</p>			
<p>Testing:</p> <p>Date of receipt of test item: N/A</p> <p>Date (s) of performance of tests.....: N/A</p>			
<p>General remarks:</p> <p>"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p> <p>The (EU) 2015/1143 has been considered, the appliance is intended to heat the water first and then brew the coffee powder, there is no overflow risk during normal operation.</p> <p>The keep warm function evaluated according to Clause 19.106 of IEC 60335-2-15.</p> <p>PAH test according to AfPS GS 2014:01 PAK is considered and passed, please refer to PAH test report 18501969SHA-001-PAH, 18501969SHA-001-PAH +A1 and 18501969SHA-001-PAH +A2 for detail.</p> <p>No obvious or conspicuous PAK/PAH issues was observed.</p> <p>This test report should be read in conjunction with the Construction Data Form (CDF).</p> <p>Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.</p> <p>The services are provided subject to the terms and condition of the company, which can be furnished upon request.</p> <p>This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.</p>			
<p>Manufacturer's Declaration per Sub-clause 4.2.5 of IECEE 02:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 5px; vertical-align: top;"> The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....: </td> <td style="width: 40%; padding: 5px; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable </td> </tr> </table>		The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable		
<p>When differences exist; they shall be identified in the General product information section.</p>			

Name and address of factory (ies)..... : Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
18.Yantanghe Road, Daqi Sub-district, Beilun District, 315000 Ningbo, Zhejiang, P. R. China

General product information:

The products covered by this report are coffee makers, for household and indoor use, which incorporates temperature limiter and thermal link or self-resetting thermostat and thermal link.

Model summary:

Model	Rating (W)	Pot	Water level (Cup)	Switch	Metal decoration	keep warm plate
CM-101A	550-650	A	6	E		√
CM-101S	550-650	A	6	E	I	√
CM-102A	550-650	A	6	E		√
CM-105A	950	A	10	E	K	√
CM-105B	950	A	10	E		√
CM-105EA	950	A	10	G	K	√
CM-105EA1	950	A	10	G	J	√
CM-106A	550-650	A	5	E		√
CM-106S	550-650	A	5	E	I	√
CM-107A	950	A	15	E		√
CM-107B	950	A	15	E		√
CM-107BS	950	A	15	E	I	√
CM-107EA	950	A	15	G		√
CM-108	800	A	10	E	I	√
CM-108A	800	A	10	E	K	√
CM-108E	800	A	10	G	I	√
CM-108S	800	A	10	E	K	√
CM-108T	800	B	8	F	I	
CM-108AT	800	B	8	F	K	
CM-108ET	800	B	8	G	I	
CM-108TS	800	B	8	F	K	
CM-109	800	A	12	E		√
CM-109A	800	A	12	E	K	√
CM-109B	800	A	12	E	J	√
CM-109E	800	A	12	G		√
CM-109S	800	A	12	E	K	√
CM-109T	800	B	10	F		
CM-109AT	800	B	10	F	K	
CM-109BT	800	B	10	F	J	
CM-109ES	800	A	12	G	I	√
CM-109ET	800	B	10	G		
CM-109TS	800	B	10	F	K	
CM-109ETS	800	B	10	G	I	
CM-111-1	650-750	D	3,5	H	I	
CM-111A-1	650-750	D	3,5	H	I	
CM-112	650-750	D	3,5	H	K	
CM-112-1	650-750	D	3,5	H	K	
CM-112A	650-750	D	3,5	H	K	
CM-112B	650-750	D	3,5	E	K	
CM-112A-1	650-750	D	3,5	H	K	
CM-113	420-500	C	2,5	H	I	
CM-116	650-750	D	7	H		
CM-118A	650-750	C, D	3	E	I	

CM-118A-1	650-750	C, D	3	E	I	
CM-119	650-750	D	3,5	G	K	
CM-119A	650-750	D	3,5	G	K	
CM-121A	950	A	12	E	K	√
CM-121E	950	A	12	G	K	√
CM-121AT	900	B	10	E	K	
CM-121ET	900	B	10	G	K	
CM-122A	950	A	15	E	K	√
CM-122E	950	A	15	G	K	√
CM-122AT	900	B	10	E	K	
CM-122ET	900	B	10	G	K	
CM-123A	800	A	12	H		
CM-123S	800	A	12	H	I	
CM-125A	800	A	10	H	I	
CM-126T	800	B	8	H	I	
CM-126TA	800	B	8	H	I	
CM-127E	950	A	15	G	K	√
CM-127ET	900	B	10	G	K	
BV1500TS- *(*=CEV, CEB, SAA, SA or 01)	1100	B	5	L	K	

Remark: the letters represent as below:

A	Glass pot
B	Vacuum cup
C	Ceramic cup
D	Stainless steel insulated cup
E	Light touching electrical switch
F	Temperature limiter switch(on/off)
G	Electrical switch with LCD
H	Temperature limiter reset switch + power switch
I	The upper part is decorated with metal
J	The lower part is decorated with metal
K	Both upper and lower part is decorated with metal
L	Light touching mechanical switch
√	Yes
Blank	No
1 Cup	125mL

Some model characteristic as the following description:

CM-107A is same as CM-107B except for CM-107B is taller than CM-107A.

CM-108A is same as CM-108S except for the switch of CM-108A is on the side, CM-108S is on the front, same way as CM-109A and CM-109S.

CM-108AT is same as CM-108TS except for the metal decoration at the bottom of CM-108AT is a circle, CM-108S only around the switch.

CM-111-1 is same as CM-111A-1 except for the metal decoration of CM-111-1 is narrow than CM-111A-1, same way as CM-119 and CM-119A

CM-112 is same as CM-112A except for the metal decoration of CM-112 is narrow than CM-112A, same way as CM-112-1 and CM-112A-1; CM-112 is same as CM-112-1 except for shape of temperature limiter reset switch, same way as CM-112A and CM-112A-1.

CM-118A is same as CM-118A-1 except for power PCB.

CM-126T is same as CM-126TA except for the shape of the filter, CM-126T is square, CM-126TA is round.

BV1500TS-*(*=CEV, CEB, SAA, SA or 01), they are all the same except for the model name.

Tests are performed on all models, the CM-101S, CM-102A, CM-105A, CM-105EA, CM-106S, CM-107BS,

CM-107EA, CM-108A, CM-108E, CM-108T, CM-109A, CM-109E, CM-109T, CM-111-1, CM-112B, CM-113, CM-116, CM-118, CM-119, CM-121A, CM-121E, CM-122A, CM-122E, CM-123S, CM-125A, CM-126T, CM-127E, BV1500TS-CEV which are selected as representative for the tests and other models were also tested while mentioned, finally only the most unfavourable results were recorded.

Amendment 3:

The original test report ref. No. 180501969SHA-001, dated on 2018-08-10, with amendment 1 dated on 2018-12-29, with amendment 2 dated on 2019-04-02, was modified on 2019-09-05 to include the following changes and additions:

1. Added alternative Power plug, Plug (only for UK) and power cord for all models;
2. Updated all component certificates and component Standards.

After review, No test need to be conducted, other clause which not mentioned in the report were referred to original test report.

Table concerned: Table 24.1

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict

24.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity	
Power plug	Ningbo JinTing Nuclear Cable Co., Ltd	FY003	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40036474	
-alternative	Ningbo Liansheng Wire & Cable Co., Ltd.	LS03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40034732	
-alternative	Yuyao Fanghua Electronics Co., Ltd.	FH-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40037496	
-alternative	CIXI WANNENG ELECTRON CO., LTD	D003	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40044952	
-alternative	Yuyao Yunbiao Electronics Co., Ltd.	YB003	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40004738	
-alternative	Ningbo Jiajie Electronic Co., Ltd.	JF-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40030700	
-alternative	I-Sheng Electric Wire & Cable Co., Ltd.	SP-023	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40013796	
-alternative	Ningbo Ousheng Electric Appliance Co., Ltd.	S03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40023763	
-alternative	Ningbo Jiangfeng Plastic & Chemistry Co. Ltd.	B-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40030460	
-alternative	Yuyao Shengshida Electronic Co., Ltd.	YD-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40035426	
-alternative	Friendship Enterprises International Ltd.	FE-03P	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40021547	
-alternative	Yuyao Yingjia Electric Appliance Co., Ltd.	YJ-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40035837	
Plug (only for UK)	Ningbo JinTing Nuclear Cable Co., Ltd	FY006A	250V~, Fuse: 7A	BS 1363-1:2016+A1:2018	ASTA*/ 1295	
-alternative	Yuyao Yingjia Electric Appliance Co., Ltd.	YJ-08	250V~, Fuse: 7A	BS 1363-1:2016+A1:2018	ASTA*/ 1267	
-alternative	Yuyao Yunbiao Electronics Co., Ltd.	YB006	250V~, Fuse: 7A	BS 1363-1:2016+A1:2018	BSI*/ KM 73097	

IEC 60335-2-15					
Clause	Requirement + Test			Result - Remark	Verdict
-alternative	Ningbo Jiajie Electronic Co., Ltd.	JF-06A	250V~, Fuse: 7A	BS 1363-1:2016+A1:2018	ASTA*/1178
Power cord	Ningbo JinTing Nuclear Cable Co., Ltd	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40033767
-alternative	Ningbo Liansheng Wire & Cable Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40022054
-alternative	Yuyao Fanghua Electronics Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40003585
-alternative	CIXI WANNENG ELECTRON CO., LTD	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40044024
-alternative	Yuyao Yunbiao Electronics Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/138242
-alternative	Ningbo Jiajie Electronic Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40028223
-alternative	I-Sheng Electric Wire & Cable Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40015762
-alternative	Ningbo Ousheng Electric Appliance Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40021137
-alternative	Ningbo Jiangfeng Plastic & Chemistry Co. Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40027127
-alternative	Yuyao Shengshida Electronic Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40034303
-alternative	Friendship Enterprises International Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40035166
-alternative	Yuyao Yingjia Electric Appliance Co., Ltd.	H03VV-F H05VV-F	3x0,75 mm ²	DIN EN 50525-2-11	VDE*/40035260
All above listed components are new added, others refer to CDF for detail.					