Foshan UC Testing and Certification Services Co., Ltd.

ERP TEST REPORT

FOR

ANHUI HONYI INTERNATIONAL CORP

B-2106 BUSINESS BLDG, WOYE GARDEN GANQUAN Road, SHUSHAN DISTRICT HEFEI, ANHUI, 230088, CN

Cannular Compact Semi-Auto Canning Machine - Bench-top Can Seamer

Model No.: KL15769, KL10757, KL12539, KL17343

This Report Concerns: ☒ Original Report	Revision History: R1.0
Report Number:	UC2020079372-E
Tested Date:	July 24, 2020 ~ July 28, 2020
Issued Date:	July 28, 2020
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Foshan UC Testing and Certification Services Co.,Ltd. Approval

TEST REPORT
COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013

Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby , off mode and networked standby electric power consumption of electrical and electronic household and office equipment

Report Reference No.....:	UC2020079372-E
Date of issue.....:	2020-07-28
Total number of pages.....:	11
Testing Laboratory.....:	Foshan UC Testing and Certification Services Co., Ltd.
Address.....:	2nd Floor, Building 21, Phase 3, Tianfulai International Industrial Zone, Ronggui, Shunde District, Foshan City, Guangdong, China
Applicant's name.....:	ANHUI HONYI INTERNATIONAL CORP.
Address.....:	B-2106 BUSINESS BLDG, WOYE GARDEN GANQUAN Road, SHUSHAN DISTRICT HEFEI, ANHUI, 230088, CN
Test specification:	
Test procedure.....:	STR: COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013
Non-standard test method……..:	None
Test Report Form No.....:	1275/2008/EC_I
Test Report Form(s) Originator .....:	
Master TRF.....:	2014-08-13

Test item description……..:	Cannular Compact Semi-Auto Canning Machine - Bench-top Can Seamer
Model/Type reference..... :	KL15769, KL10757, KL12539, KL17343
Ratings ..... :	Adaptor: Input: 180 - 240 V; 50 / 60 Hz; Output: 24 V; 12,5 A Cannular Compact Semi-Auto Canning Machine - Bench-top Can Seamer: 24 V; 250 W
Manufacturing site (factory)……:	Same as applicant

Test item particulars:	
Classification of installation and use.....:	Portable appliance and household use
Supply Connection.....:	Type X attachment, Detachable power supply cord.
Networked equipment……..……..:	No
Availability of Standby mode……:	Yes
Availability of off mode……..……..:	No
Availability of display function in standby-mode……:	No
Availability of any condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source……...:	Yes
Availability of power management function……..……...:	No

Summary of testing:

Tests performed:

The sample(s) tested complies with the requirements of COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013.

These tests fulfil the requirements of standard ISO/IEC 17025.

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

The maximum permitted uncertainty of measurement depends on the size of the load and the characteristics of the load. The key characteristic of the load used to determine the maximum permitted uncertainty is the Maximum Current Ratio (MCR), which is calculated as follows:

$$\text{Maximum Current Ratio (MCR)} = \frac{\text{Crest Factor (CF)}}{\text{Power Factor (PF)}}$$

where

- the Crest Factor (CF) is the measured peak current drawn by the product divided by the measured r.m.s. current drawn by the product;
- the Power Factor (PF) is a characteristic of the power consumed by the product. It is the ratio of the measured real power to the measured apparent power.

a) Permitted uncertainty for values of MCR ≤10

For measured power values of greater than or equal to 1,0 W, the maximum permitted relative uncertainty introduced by the power measurement equipment, U_{mr}, shall be equal to or less than 2 % of the measured power value at the 95 % confidence level.

For measured power values of less than 1,0 W, the maximum permitted absolute uncertainty introduced by the power measurement equipment, U_{ma}, shall be equal to or less than 0,02 W at the 95 % confidence level.

b) Permitted uncertainty for values of MCR >10

The value of U_{pc} shall be determined using the following equation:

$$U_{pc} = 0{,}02 \times [1 + (0{,}08 \times \{MCR - 10\})]$$

where U_{pc} is the maximum permitted relative uncertainty for cases where the MCR is > 10.

For measured power values of greater than or equal to 1,0 W, the maximum permitted relative uncertainty introduced by the power measurement equipment shall be equal to or less than U_{pc} at the 95 % confidence level.

For measured power values of less than 1,0 W, the permitted absolute uncertainty shall be the greater of U_{ma} (0,02 W) or U_{pc} when expressed as an absolute uncertainty in W (U_{pc} · measured value) at the 95 % confidence level.

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

Remark: the above marking plates can be replaced by other model no. and rated power.

Possible test case verdicts:	
- test case does not apply to the test object ..... :	N (or N/A)
- test object does meet the requirement ..... :	P (Pass)
- test object does not meet the requirement ..... :	F (Fail)
Testing ..... :	
Date of receipt of test item ..... :	2020-07-23
Date (s) of performance of tests ..... :	2020-07-23 to 2020-07-28

General remarks:

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 testing laboratory.
"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

General product information:

Cannular Compact Semi-Auto Canning Machine - Bench-top Can Seamer is for household and indoor use only.

All models are same except for appearance and model no.

COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013 ANNEX II Ecodesign requirements			
Cl.	Requirement-Test	Result-Remark	Verdict
1 & 2	Power consumption in 'off mode'		--
1(a) & 2(a)	Power consumption of equipment in any off-mode condition		N/A
1(b) & 2(b)	Power consumption in 'standby mode(s)'		--
	The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function	See appended table 2	P
	The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display		N/A
1(c) & 2(c)	Availability of off mode and/or standby mode		--
	Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source		P
2(d)	Power management for all equipment other than networked equipment		--
	When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into:		N/A
	— standby mode, or — off mode, or — Another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. The power management function shall be activated before delivery		N/A
3(a)	Any networked equipment that can be connected to a wireless network shall offer the user the possibility to deactivate the wireless network connection(s). This requirement does not apply to products which rely on a single wireless network connection for intended use and have no wired network connection		N/A

COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013 ANNEX II Ecodesign requirements			
Cl.	Requirement-Test	Result-Remark	Verdict
3(b)	Power management for networked equipment		--
	Equipment shall, unless inappropriate for the intended use, offer a power management function or a similar function. When equipment is not providing a main function, and other energy-using product(s) are not dependent on its functions, the power management function shall switch equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into a condition having networked standby.		N/A
	In a condition providing networked standby, the power management function may switch equipment automatically into standby mode or off mode or another condition which does not exceed the applicable power consumption requirements for standby and/or off mode.		N/A
	The power management function, or a similar function, shall be available for all network ports of the networked equipment.		N/A
	The power management function, or a similar function, shall be activated, unless all network ports are deactivated. In that latter case the power management function, or a similar function, shall be activated if any of the network ports is activated.		N/A
	The default period of time after which the power management function, or a similar function, switches the equipment automatically into a condition providing networked standby shall not exceed 20 minutes.		N/A
3(c)	Networked equipment that has one or more standby modes shall comply with the requirements for these standby mode(s) when all network ports are deactivated.		N/A
3(d)	Networked equipment other than HiNA equipment shall comply with the provisions under 2(d) when all network ports are deactivated.		N/A
3(e)	Power consumption in a condition providing networked standby:		--
	The power consumption of HiNA equipment or equipment with HiNA functionality in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function shall not exceed 12,00 W.		N/A
	The power consumption of other networked equipment in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 6,00 W.		N/A

COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013 ANNEX II Ecodesign requirements			
Cl.	Requirement-Test	Result-Remark	Verdict
4(a)	Networked equipment that has one or more standby mode(s) shall comply with the requirements for these standby mode(s) when all wired network ports are disconnected and when all wireless network ports are deactivated.		N/A
4(b)	Networked equipment other than HiNA equipment shall comply with the provisions under 2(d) when all wired network ports are disconnected and when all wireless network ports are deactivated.		N/A
4(c)	Power consumption in a condition providing “networked standby”:		--
	The power consumption of HiNA equipment or equipment with HiNA functionality, in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 8,00 W.		N/A
	The power consumption of other networked equipment in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 3,00 W.		N/A
5	The power consumption of networked equipment other than HiNA equipment or other than equipment with HiNA functionality, in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 2,00 W.		N/A
6	For coffee machines		N/A
	The delay time after which the product switches automatically into the modes and conditions referred to in Annex II, point 2, paragraph (d) shall be as follows:		N/A
	— for domestic drip filter coffee machines storing the coffee in an insulated jug, a maximum of five minutes after completion of the last brewing cycle or 30 minutes after completion of a descaling or self-cleaning process,		N/A
	— for domestic drip filter coffee machines storing the coffee in a non-insulated jug, a maximum of 40 minutes after completion of the last brewing cycle, or 30 minutes after completion of a descaling or self-cleaning process,		N/A

COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013 ANNEX II Ecodesign requirements			
Cl.	Requirement-Test	Result-Remark	Verdict
	— for domestic coffee machines other than drip filter coffee machines, a maximum of 30 minutes after completion of the last brewing cycle, or a maximum of 30 minutes after activation of the heating element, or a maximum of 60 minutes after activation of the cup preheating function, or a maximum of 30 minutes after completion of a descaling or self-cleaning process, unless an alarm has been triggered requiring users' intervention to prevent possible damage or accident.		N/A
	Until the above date the ecodesign requirements set out in Annex II.2.d shall not apply.		N/A

Table 1	**Test parameters for measurements**
The measurement method used……:	KL15769
Test ambient temperature (°C)……...:	24,3 °C
Test voltage in V and frequency in Hz……...:	230 V, 50Hz
Total harmonic distortion (THD) of the electricity supply system…….....:	1,26%
Power consumption was determined by……...:	Average reading method
Description of how the appliance mode was selected or programmed……..:	Standby mode
Sequence of events to reach the mode where the equipment automatically changes modes……..:	—
Other notes regarding the operation of the equipment.....:	—
Set-up and circuits used for electrical testing:	

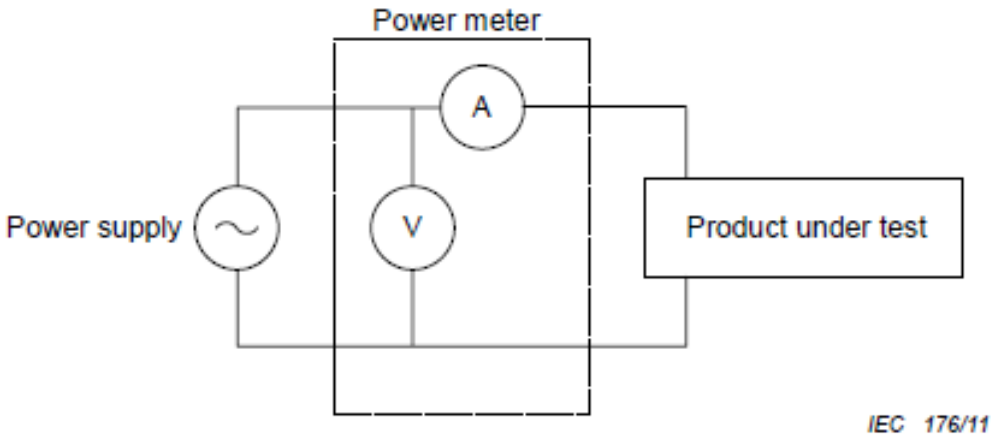


Table 2	**Test result for equipment other than networked equipment or network equipment without network connection**	P

Operating mode(s)	Measured (W)	Limit (W)	
		Stage 1	Stage 2
Off-mode condition…….....:	—	1	0,5
Any condition which does not exceed the applicable power consumption requirements for off mode when the equipment is connected to the mains power source…..….:	—	1	0,5
Power consumption in ‘standby mode(s)’ in			
Any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function…….....:	0,89	1	0,5
Any condition providing only information or status display, or providing only a combination of reactivation function and information or status display……..:	—	2	1

Operating mode(s)	Measured (W)	Limit (W)	
		Stage 1	Stage 2
Any condition which does not exceed the applicable power consumption requirements for standby mode when the equipment is connected to the mains power source……..:	—	—	—

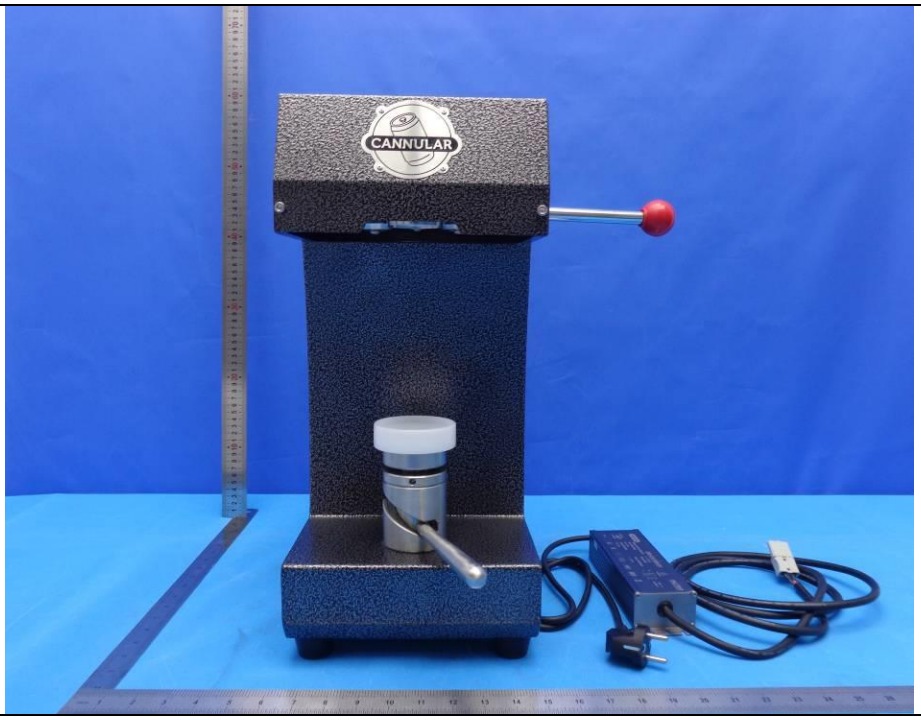
Table 3	**Test result for networked equipment with network connection**	N/A

Power consumption in networked standby mode(s)	Measured (W)	Limit (W)		
		Stage 3	Stage 4	Stage 5
Networked standby (HiNA equipment or equipment with HiNA functionality) …… ……..:	—	12	8	8
Networked standby (other networked equipment) ……..:	—	6	3	2
Power management				
The default period of time after which the power management function, or a similar function, switches the equipment automatically into a condition providing networked standby (any of the network ports is activated). …… ……..:	Measured (minutes)	Limit (minutes)		
	—	20		

Result:	☒ Non-network equipment: the EUT complies with the ecodesign requirements **Stage 2** of Annex II of COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013. ☐ Network equipment: The EUT complies with the ecodesign requirements ☐ **Stage 3,** ☐ **Stage 4,** ☐ **Stage 5** of Annex II of COMMISSION REGULATION (EC) No 1275/2008 & (EU) No 801/2013.

Photo documents:

Appendix A	Photographs of Submitted Test Sample
Model:	



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