



Listing Constructional Data Report (CDR)

1.0 Reference and Address			
Report Number	141015030GZU-001	Original Issued: 8-Jan-2015	Revised: None
Standard(s)	Motor-Operated Household Food Preparing Machines -UL 982, 6th Edition, Rev. Jun. 9, 2010 Portable Electrical Motor-Operated and Heating Appliances: Particular Requirements for Electrical Motor-Operated Kitchen Appliances -CSA C22.2 No.1335.2.14-93 R2013, See also CSA C22.2 No.1335.1-93 R2013		
Applicant	Sinsion Technology Industrial Co., Ltd	Manufacturer	Sinsion Technology Industrial Co., Ltd
Address	No. 11, Tongle Rd., Tangxia town, Pengjiang Qu, Jiangmen, Guangdong, China	Address	No. 11, Tongle Rd., Tangxia town, Pengjiang Qu, Jiangmen, Guangdong, China
Country	China	Country	China
Contact	York liang	Contact	York liang
Phone	0750-3097695	Phone	0750-3097695
FAX	0750-3090382	FAX	0750-3090382
Email	york@oceangd.com	Email	york@oceangd.com

2.0 Product Description	
Product	ROCKET BLENDER
Brand name	SENSIO, COOKS
Description	The product covered by this report are ROCKET BLENDERS having a rating of 120 V, 60 Hz, for household and indoors use only, provided with a non-detachable power supply cord terminated in a 2-wire polarized type plug.
Models	HB-1102, HB-1102A, HB-1103
Model Similarity	HB-1102 is identical with HB-1102A, except the side enclosure of HB-1102 is metal. HB-1103 is identical with HB-1102A, except the shape of enclosure.
Ratings	120 V, 60 Hz, 240 W.
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External View of HB-1102 and Accessories

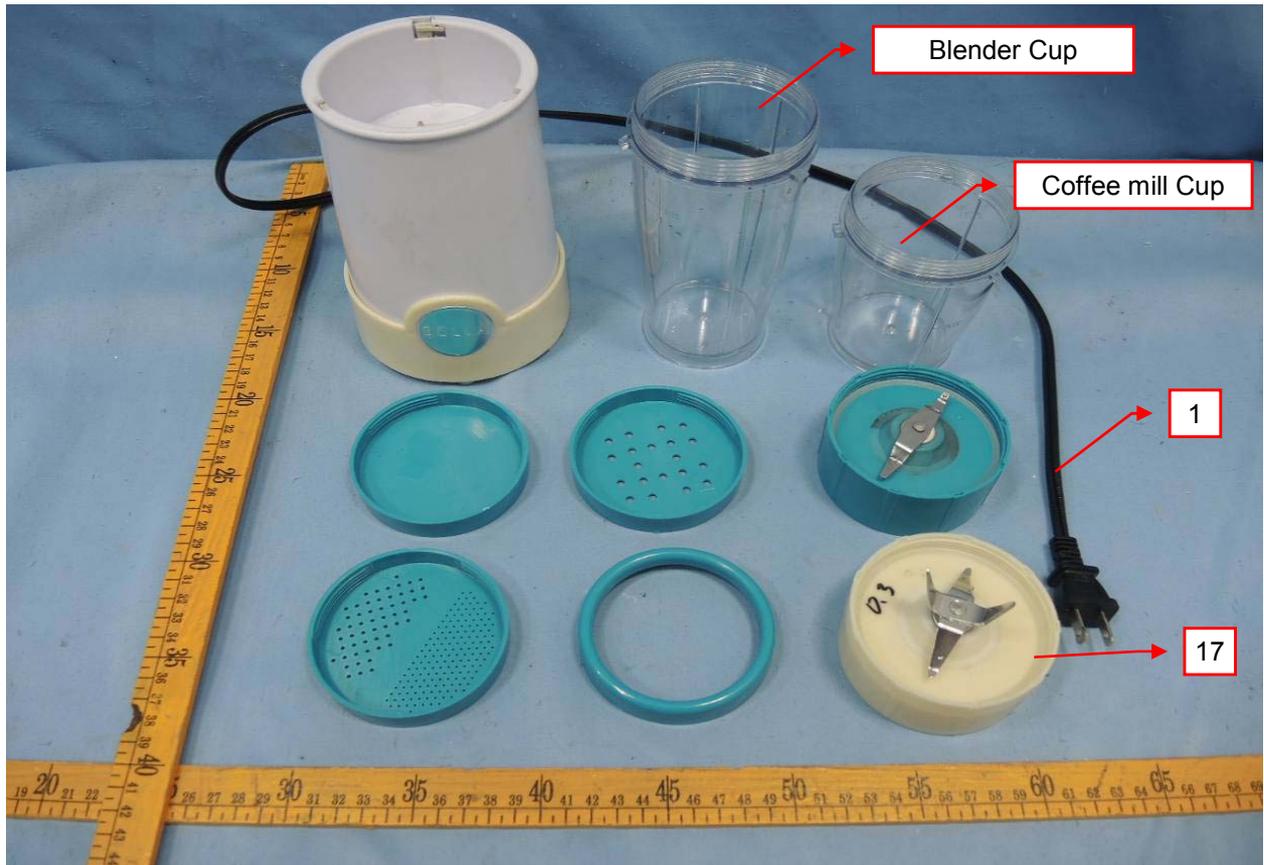


Photo 2 - External View of HB-1102



3.0 Product Photographs

Photo 3 - External View of HB-1102

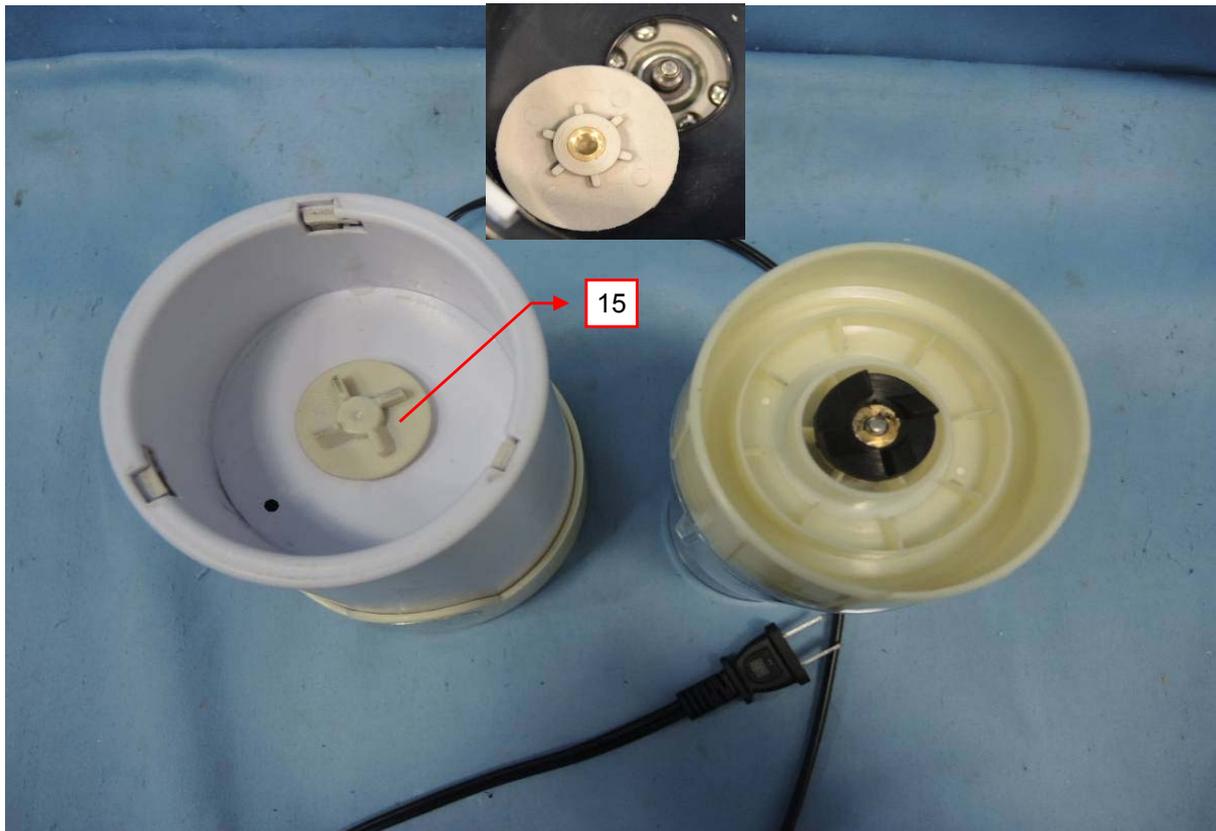


Photo 4 - Bottom View of HB-1102 and HB-1102A



3.0 Product Photographs

Photo 5 - Internative View of HB-1102 and HB-1102A

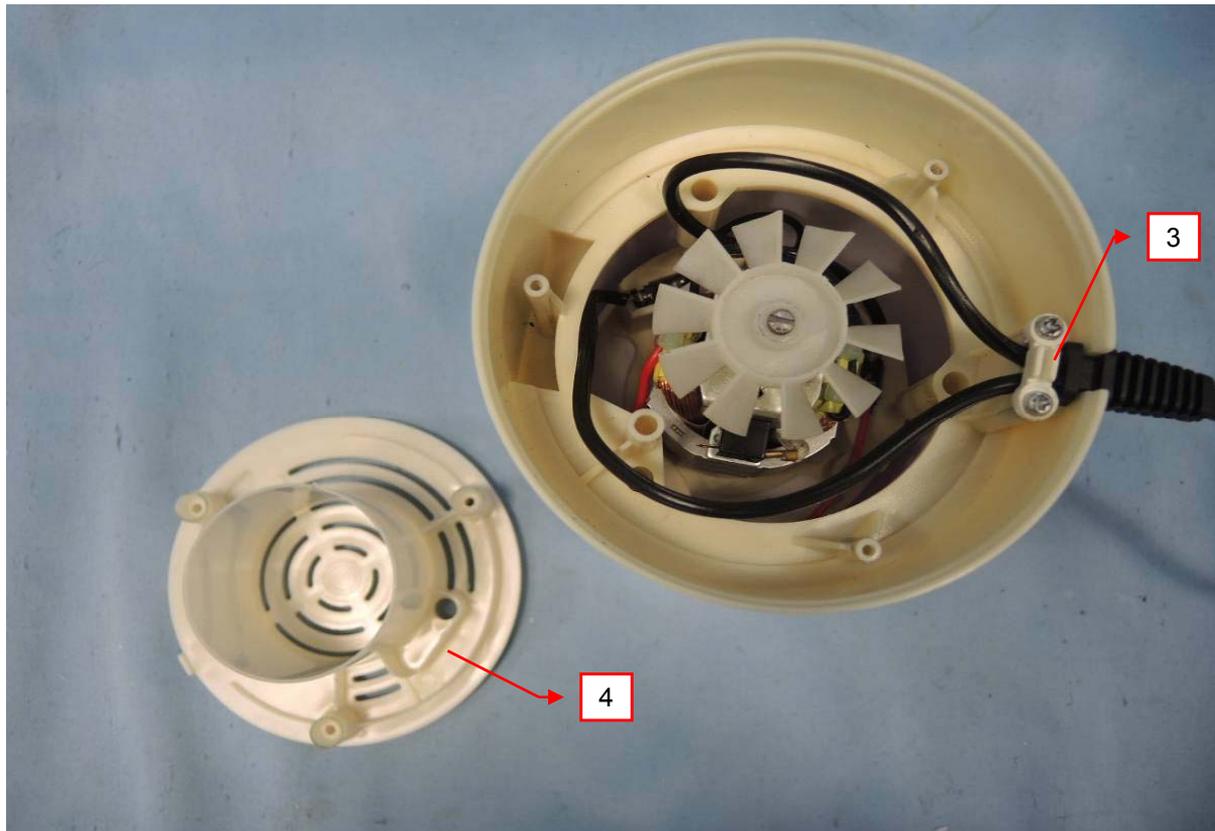
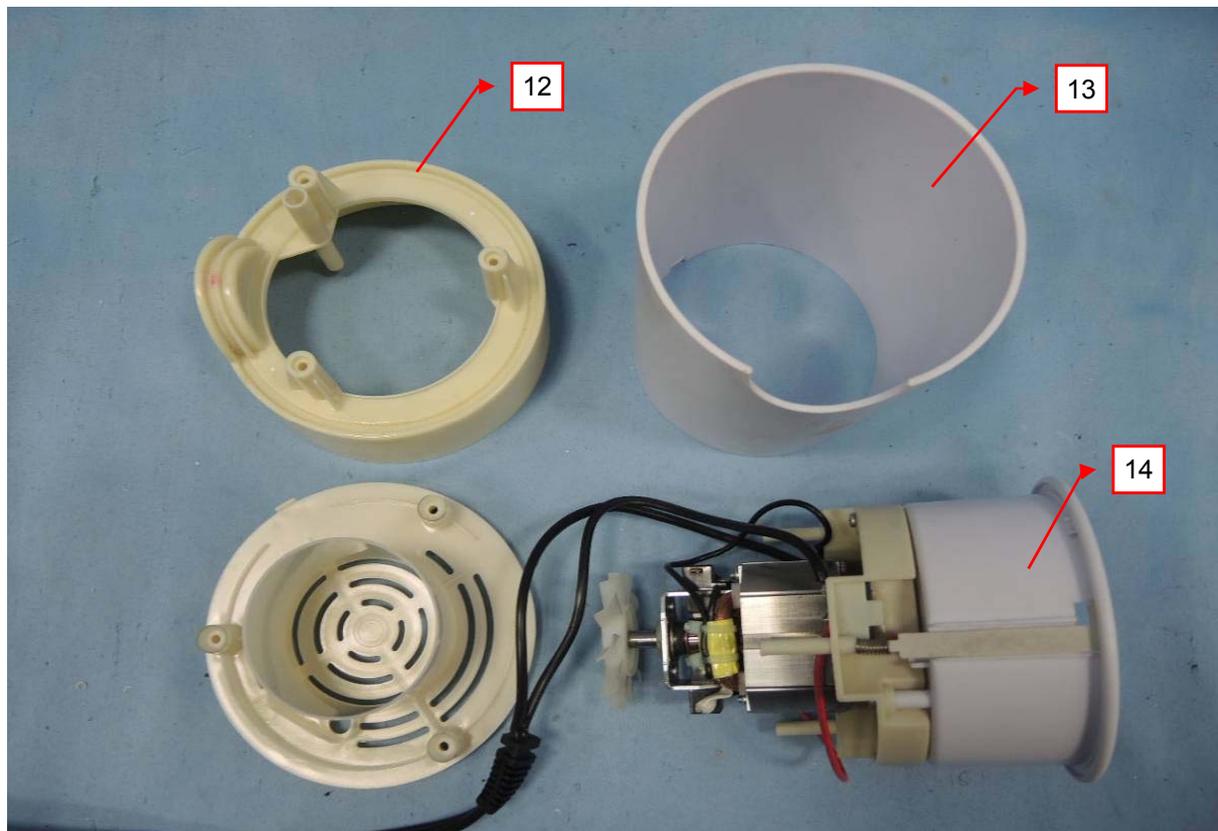


Photo 6 - Internative View of HB-1102



3.0 Product Photographs

Photo 7 - Internative View of HB-1102 and HB-1102A

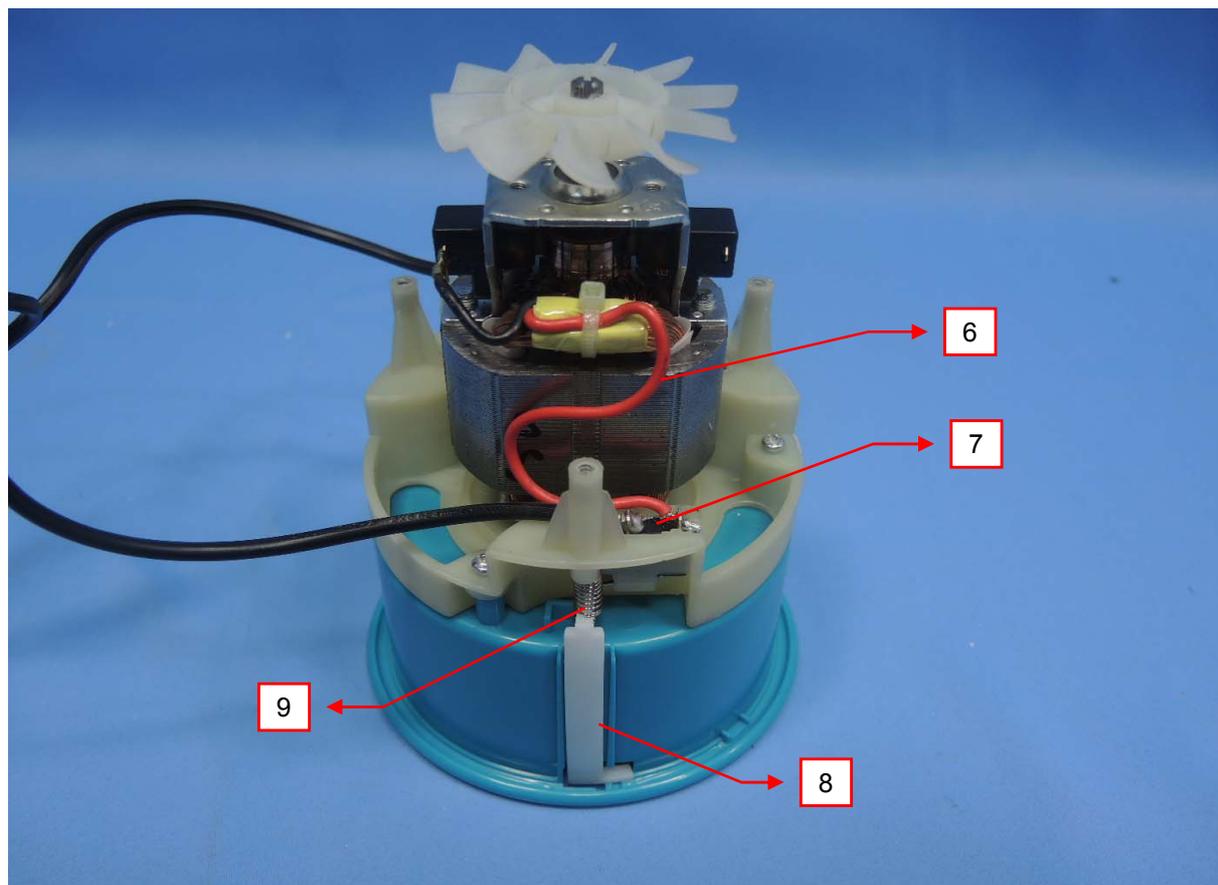
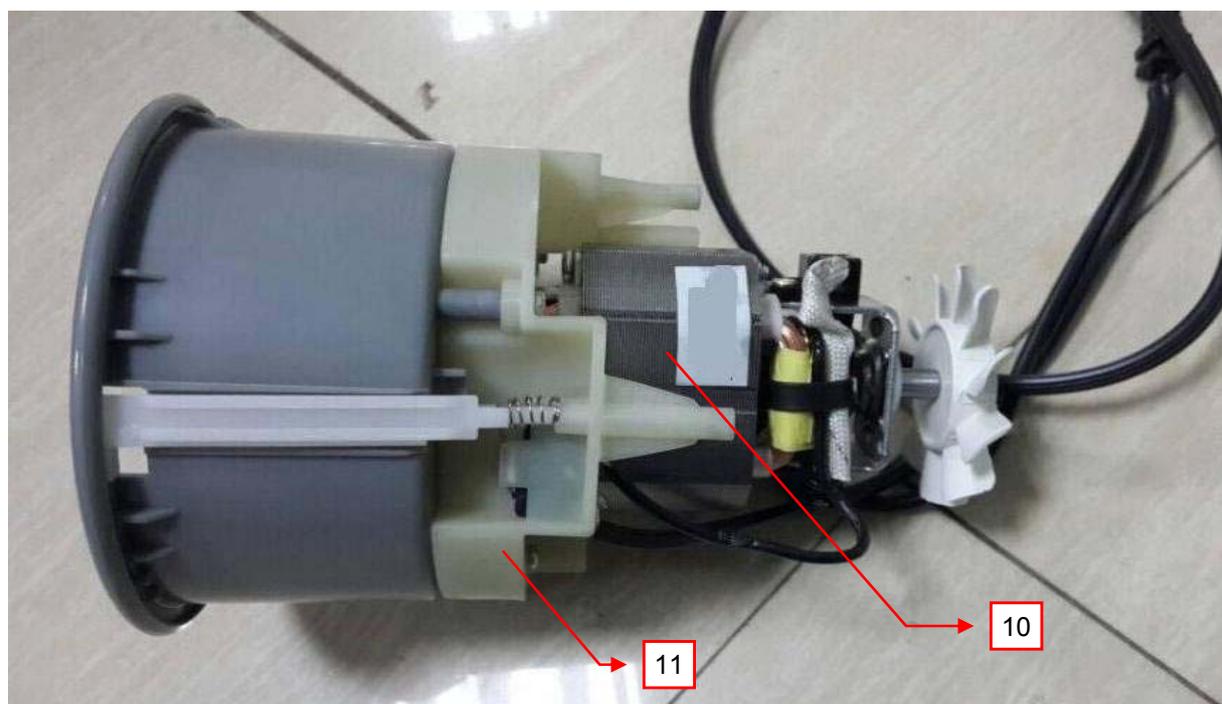


Photo 8 - Internative View of HB-1102 and HB-1102A



3.0 Product Photographs

Photo 9 - External View of HB-1102A



Photo 10 - External view of HB-1103



3.0 Product Photographs

Photo 11 - Bottom view of HB-1103



Photo 12 - Internal View of HB-1103



3.0 Product Photographs

Photo 13 - Extenal view of alternative outside (with plated Lower Enclosure)



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
1	1	Power Cord Set	Various	SPT-2	Rated 300 V, 105 °C, VW-1, 18 AWG x 2C. Not less than 0.61 m from cord entry to plug face, flexible cord integrally molded on a recognized 2-wire polarized type 1-15P plug.	cURus
4	2	Cord Bushing	KINGFA SCI & TECH CO LTD	VSLOY-PM	Rated V-0, HWI=1, HAI=0, 95 °C, minimum 1.5 mm thick.	cURus
5	3	Cord Clamp	A SCHULMAN PLASTICS (DONGGUAN) LTD	XP 31 R	PC material. Rated HB, 80 °C, minimum 1.5 mm thick.	cURus
5	4	Bottom Cover	HUIZHOU WOTE ADVANCED MATERIALS CO LTD	2100-FR615	ABS material. Rated V-0, HWI=3, HAI=1, CTI=1, 60 °C, minimum 1.6 mm thick. Overall measured Φ 114 mm x 65 mm for HB-1102, HB-1102A, measured Φ 113 mm x 71 mm for HB-1103.	cURus
4	5	Foot	Various	Various	Rubber material. Rated HB minimum, measured 10 mm in diameter and 2 mm extended.	cURus
7	6	Internal Wire	Various	1015	Rated 600 V, VW-1, 105 °C, minimum 22 AWG, serviced as motor leading wire.	cURus
7	7	Interlock Switch	GUANGZHOU TAIHENG ELECTRONIC & ELECTRICAL CO LTD	THW-3	Two provided. Rated 125 V, 5 A, 125 °C. 6000 cycles endurance.	cURus
			GUANGZHOU QUANTAI ELECTRIC CO LTD	SMA-2	Two provided. Rated 125 V, 6 A, 85 °C. 6000 cycles endurance.	cURus
			YUEQING DONGNAN ELECTRONICS CO LTD	KW4A	Two provided. Rated 125 V, 5 A, 85 °C. 6000 cycles endurance.	cURus
7	8	Interlock Shaft	ASAHI-DUPONT POM (ZHANGJIAGANG) CO LTD	3510	POM material. Rated HB, 90 °C, minimum 0.9 mm thick.	cURus
8	9	Spring	Various	Various	Steel Wire measured Φ 0.5 mm. Measured 15 mm long.	cURus
8	10	Motor	Sinsion Technology Industrial Co., Ltd.	SX54/30	Rated 120 V, 60 Hz, tested with appliance.	See 5.0
8	11	Motor Bracket	RTP CO	RTP PA66 30 GF FR0 BLK	PA6/6 material. Rated V-0, 105 °C, minimum 0.8 mm thick. Overall measured Φ 89.5 mm x 46.5 mm.	cURus
6	12	Lower Enclosure	HUIZHOU WOTE ADVANCED MATERIALS CO LTD	2100-FR615	For HB-1102, HB-1102A only. ABS material. Rated V-0, HWI=3, HAI=1, CTI=1, 60 °C, minimum 1.6 mm thick. Overall measured Φ 117.8 mm x 46.5 mm. May be plated outside.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
6	13	Side Enclosure	HUIZHOU WOTE ADVANCED MATERIALS CO LTD	2100-FR615	For HB-1102 only. ABS material. Rated V-0, HWI=3, HAI=1, CTI=1, 60 °C, minimum 1.6 mm thick. Overall measured Φ110 mm x Φ98.5 mm x 121.5 mm.	cURus
			Various	Various	For HB-1103, HB-1102A only. SUS201 material. Minimum 0.4 mm thick, overall measured Φ110 mm x Φ98.5 mm x 121.5 mm for HB-1102 A, Φ113 mm x Φ99 mm x 199 mm for HB-1103.	NR
6	14	Upper Enclosure	HUIZHOU WOTE ADVANCED MATERIALS CO LTD	2100-FR615	ABS material. Rated V-0, HWI=3, HAI=1, CTI=1, 60 °C, minimum 1.6 mm thick. Overall measured Φ103 mm x 61.5 mm.	cURus
3	15	Driving Coupler	RTP CO	RTP PA66 30 GF FR0 BLK	PA6/6 material. Rated V-0, 105 °C, minimum 0.8 mm thick.	cURus
2	16	Cup	NINGBO LG YONGXING CHEMICAL CO LTD	80HF	SAN material. Rated HB, 50 °C, minimum 1.5 mm thick. Overall measured Φ86.5 mm x Φ68.5 mm x 157.5 mm long for blender, measured Φ86.5 mm x Φ68.5 mm x 102 mm long for coffee mill. Both cups are marked max. line on the side.	cURus
1	17	Cutter Base	Various	Various	Consisted of following parts.	cURus
1	17a	Coupler Match	Dongguan AMG Electronics Ltd	GTP-(X)	Silicone Rubber, rated V-0, 105 °C, minimum 0.5 mm thick.	cURus
1	17b	Plastic Base	RTP CO	RTP 20(o) FR XC	Rated V-0, 105 °C, minimum 0.75 mm thick. Measured Φ84.5 mm x 38.5 mm.	cURus
1	17c	Shaft	Various	Various	SUS303 material. Measured Φ6.0 mm x 31.5 mm long.	NR
1	17d	Blade	Various	Various	SUS301 material. Measured 1.0 mm thick.	NR
1	17e	Shaft Seal Ring	3M CHINA CO LTD	5516-ST	Silicone. Rated V-0, 105 °C, minimum 0.5 mm thick.	cURus
1	17f	Cup Seal Ring	Dongguan AMG Electronics Ltd	GTP-(X)	Silicone Rubber, rated V-0, 105 °C, minimum 0.5 mm thick.	cURus
4	18	Marking Label (Not Shown)	Various	Various	For ABS and stainless steel surface. Rated min. 70 °C.	cURus

NOTES:

- 1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.
- 2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.
- 3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

INSULATED COIL				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
8	10	Motor	Sinsion Technology Industrial Co., Ltd.	SX54/30
Electrical Rating: 120 V, 60 Hz, 240 W.				Insulation class A
Component Standard used: Tested with appliance.				
MATERIALS LIST (refer to illustration 4 for assembly drawing)				
Component	Manufacturer	Type/model	Dimensions/thickness/assembly information	
Stator Lamination	Various	Various	Consisted of Si steel sheets. Each sheet 0.5 mm thick.	
Rotor Lamination	Various	Various	Consisted of Si steel sheets. Each sheet 0.5 mm thick.	
Rotor Magnet Wire	DONG GUAN YIDA INDUSTRIAL CO LTD	1PEW	ANSI Type MW 5-C, Temperature Class: 155. Φ 0.25 mm, total 60 coils.	
Stator Magnet Wire	DONGGUAN SHENGJIA ENAMELLED WIRE CO LTD	2UEW	ANSI Type MW 79-C, Temperature Class: 155. Φ 0.43 mm, total 170 coils.	
Commutator	Various	Various	Copper material. Overall 15 mm OD by 10 mm long. Consists of 10 segments, each 4.0 mm wide, insulated from motor shaft by phenolic composition ring.	
Commutator Holder	PANASONIC CORPORATION	CN4610	Phenolic, rated V-0, HWI=0, HAI=0, CTI=2, 150 °C. Minimum 0.75 mm thickness.	
Slots Liner for Stator and Rotor	E I DUPONT DE NEMOURS & CO INC	410	Aramid Insulating Paper, rated V-0, HWI=0, HAI=0, CTI=3, 220°C, min. 0.254mm thick.	
Spider of Rotor	Solvay Specialty Polymers USA L L C	1022/(#)	PA material, Rated HB, HWI=0, HAI=0, CTI=1, 105 °C. Minimum 1.5 mm thick.	
Wedge	HOKUETSU TOYO FIBRE CO LTD	HB-77	Vulcanized fibre Industrial laminates. Rated HB, 110 °C, minimum 0.71 mm thick.	
Cable Tie	Various	Various	PA material, rated at least 105 °C, used for binding the lead wires and thermal protector.	
Thermal Protector	AUPO ELECTRONICS LTD	P2-3A-F	Rated 250VAC, 3A, Tf=115°C. Enclosed by impregnated fiberglass tubing, and wrap by insulating tape, then tightly secured to the stator winding by metal clamp.	
	AUPO ELECTRONICS LTD	P4-5A-F	Rated 250VAC, 5 A, Tf=130°C. Others same as above.	
Insulated Tubing	Various	Various	Impregnated fiberglass sleeving.	
Insulating Tape	Various	Various	Rated min.130°C.	
Cable Tie	Various	Various	Rated 105°C minimum, VW-1.	
Fan Blade	Various	Various	PA66 material. Rated HB minimum, 105 °C minimum, Min. 0.8 mm thick, with 10 blades, tightly secured to the shaft of the motor.	

5.0 Critical Unlisted CEC Components			
Brush Holder	SHANGHAI EUROPEANASIA N SYNTHETIC MATERIAL CO LTD	EA-7501J	Two provided, Melamine / Phenolic Compound, rated V-0, HWI=0, HAI=0, CTI=0, 150°C. Minimum 0.8mm thickness.

WINDING(S) RESISTANCE						
Winding Designation	Wire Size (AWG or mm ²)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
Stator Magnet Wire	Φ0.43 mm	Cu wire	170	/	/	2.6
Rotor Magnet Wire	Φ0.25 mm	Cu wire	60	/	/	7.0

VERIFICATION PROCESS			
Frequency: Annual	Test Site: CEC	Number of samples to test: 1	
Test Name	Test Parameters		
Winding resistance	See resistance per winding above.		
Dielectric Strength	Apply voltage Between	Test Voltage	Test Time
	Primary to core	1000	60

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, 1.6 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 1.6 mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a metal or non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Polarized Connection - This product is provided with a polarized power supply connection. All single pole switches and fuses are connected only to the ungrounded supply circuit conductor.
6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets.
7. Marking - The product is marked on a component labeling system as follows:
 - manufacturer's name, trade name
 - model number
 - date of manufacture
 - electrical ratings (volts, power & frequency)
 - refer to Marking 1 for details.
8. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Upper case and lower case letters shall not be less than 2.0 mm and 1.6 mm in height respectively. The phrases "IMPORTANT SAFEGUARDS" and "SAVE THESE INSTRUCTIONS" shall be in letters not less than 4.8 mm in height. (Refer to Illustration 2 for details.)
9. Carton Markings - The following are required:
 - The "HOUSEHOLD USE ONLY" or "HOUSEHOLD TYPE" must be located on at least one outside surface.
 - Appear in lettering not less than the height as specified:

The dimension of the carton panel (mm)	Minimum height of lettering (mm)
0~152	3.2
152~254	4.8
more than 254	6.4

7.0 Illustrations

Illustration 1 - Marking



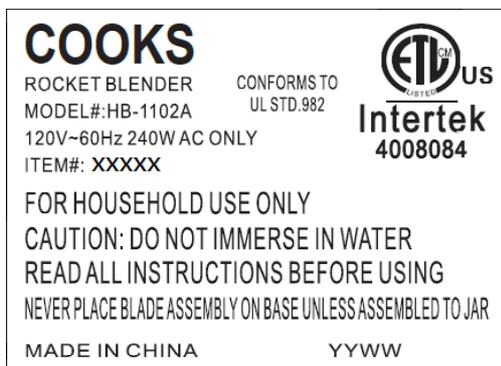
YYWW is for year and week.

50X40MM

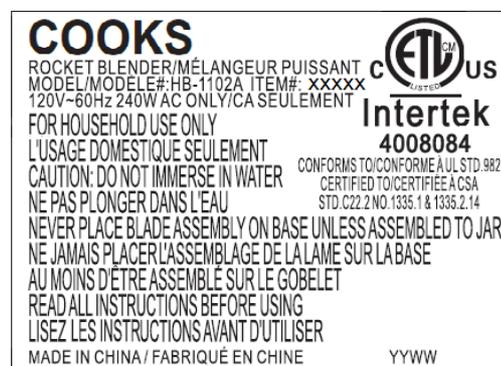


YYWW is for year and week.

50X40MM



YYWW is for year and week.



Note:

- 1) "CAUTION: DO NOT IMMERSE IN WATER", "FOR HOUSEHOLD USE ONLY", "READ ALL INSTRUCTIONS BEFORE USING" and their equivalent French shall be not less than 2.4 mm high in letters.
- 2) "NEVER PLACE BLADE ASSEMBLY ON BASE UNLESS ASSEMBLED TO JAR" and its equivalent French shall be not less than 2.4 mm high in letters.
- 3) The ETL logo shall not be less than 8 mm in width and 8 mm in height, and the "C" and "US" shall not be less than 2 mm in height. "Intertek" shall not be less than 3 mm in height. "CONFORMS TO UL STD. 982", "CERTIFIED TO CSA STD. C22.2 No. 1335.1 & 1335.2.14" and the control no. "4008084" and the letter height shall not be less than 2 mm in height.
- 4) Date Code "YYWW", "YY" means year, "WW" means week.
- 5) For "ITEM#" on the marking label, "X" may be 0-9.

7.0 Illustrations

Illustration 1a - Marking



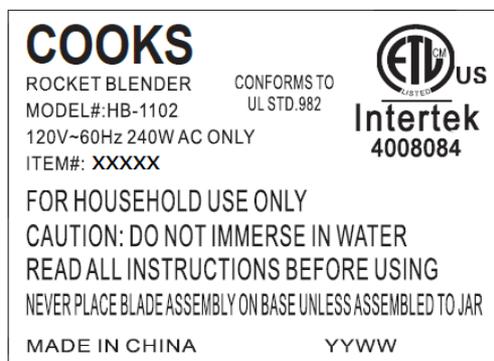
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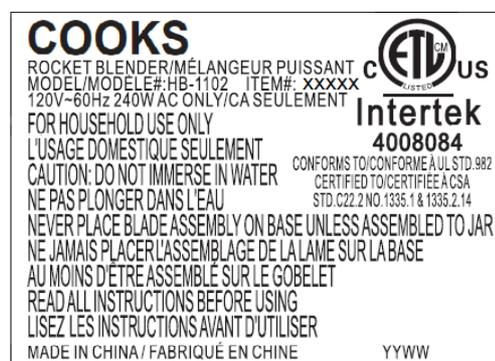


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7.0 Illustrations

Illustration 1b - Marking



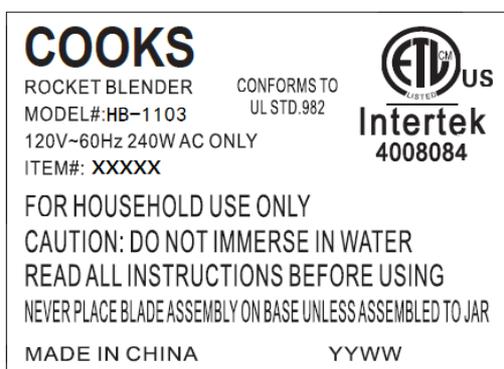
YYWW is for year and week.

50X40MM

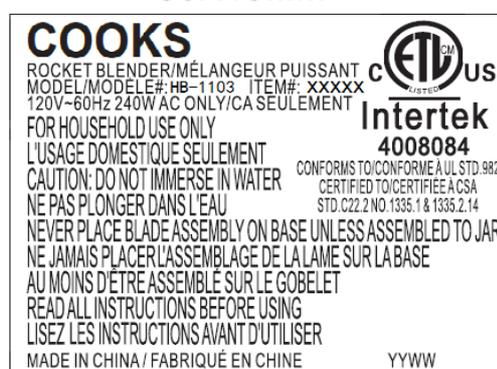


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7.0 Illustrations

Illustration 2 - Instruction Manual

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following:

1. **READ ALL INSTRUCTIONS.**
2. To protect against risk of electrical shock do not put cord, plugs, or appliance in water or other liquid.
3. This appliance should not be used by children and care should be taken when used near children.
4. Unplug from outlet when not in use, before putting on or taking off parts, and before cleaning.
5. Avoid contacting moving parts.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Bring it to a qualified technician for examination, repair or electrical or mechanical adjustment.
7. The use of attachments, including canning jars, cups or covers not recommended or sold by the manufacturer may cause a risk of injury to persons.
8. The Rocket Blender is not intended for use in the microwave. Do not place the Rocket Blender Cups, Motor Base or accessories in the microwave as this may result in damage to the appliance.
9. Do not use outdoors.
10. Do not let cord hang over edge of table or counter.
11. Do not let cord contact hot surfaces, including the stove.
12. Blades are sharp. Handle carefully. Use the blade's collar to handle.
13. Do not blend hot liquids.
14. Always completely assemble the blade and cup before placing on the Motor Base. **AVOID CONTACT WITH MOVING PARTS.**
15. Keep hands and utensils out of container while blending to reduce the risk of severe injury to persons or damage to the Rocket Blender. A scraper may be used but must be used only when the blender is not running.

**FOR HOUSEHOLD USE ONLY
SAVE THESE INSTRUCTIONS**

7.0 Illustrations

Illustration 2a - Instruction Manual

ADDITIONAL IMPORTANT SAFEGUARDS

1. All users of this appliance must read and understand this instruction guide before operating or cleaning this appliance.
2. The cord to this appliance should be plugged into a 120 V AC electrical outlet only.
3. If this appliance begins to malfunction during use, immediately release pressure on either cup (small grinding or tall blending) and unplug the cord. Do not use or attempt to repair the malfunctioning appliance.
4. If this appliance falls or accidentally becomes immersed in water, unplug it immediately. Do not reach into the water!
5. Do not use this appliance after it has fallen into or becomes immersed in water.
6. To reduce the risk of injury to persons or property, never use this appliance in an unstable position.
7. Do not use this appliance for other than its intended use.
8. Do not use if either cup (blending cup or grinding) is cracked or chipped
9. **IMPORTANT!** This product is not an ice crusher. Always make sure to add at least one cup liquid to the processing cup before adding ice or foods that are frozen solid. Do not overfill. Failure to add enough liquid before processing may cause the processing cup to break or chip.

Notes on the Plug

This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug will fit in a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.

Notes on the Cord

The provided short power-supply cord (or detachable power-supply cord) should be used to reduce the risk resulting from becoming entangled in or tripping over a longer cord. Do not use an extension cord with this product.

Plasticizer Warning

CAUTION: To prevent Plasticizers from migrating from the finish of the counter top or table top or other furniture, place NON-PLASTIC coasters or place mats between the appliance and the finish of the counter top or table top. Failure to do so may cause the finish to darken; permanent blemishes may occur or stains can appear.

Electric Power

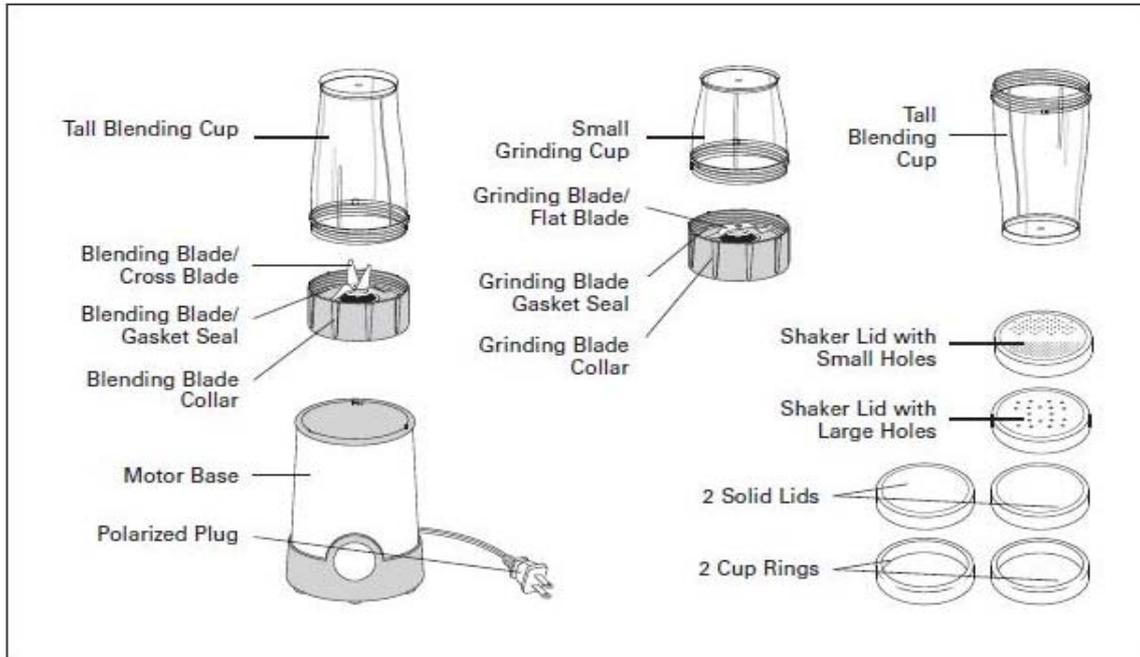
If the electrical circuit is overloaded with other appliances, your appliance may not operate properly. It should be operated on a separate electrical circuit from other appliances.

7.0 Illustrations

Illustration 2b - Instruction Manual

Getting to Know Your 12-Piece Rocket Blender Set

Product may vary slightly from illustration

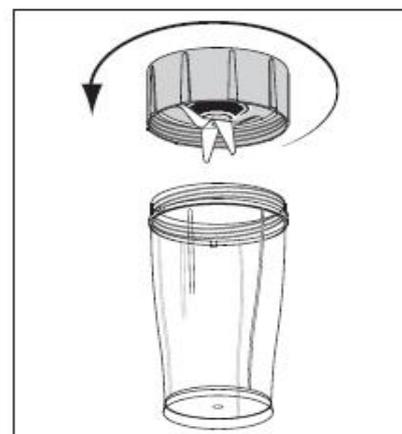


Before Using for the First Time

1. Carefully unpack the Rocket Blender Set and remove all packaging materials. Check the contents to ensure that all parts and accessories are present, and have been received in good condition.
2. Handle the blending blade and the grinding blade attachments by their collars only.
WARNING: Do not touch blades. Blade attachments are very sharp. Use extreme care when handling. Failure to do so can result in personal injury.
3. Wash all lids in warm, soapy water. Rinse and dry thoroughly.
4. Clean each cup before first use. Fill cup one-quarter full with clean, warm water. Following the steps outlined in the Operating Instructions, pulse several times using first the blending blade and then the grinding blade. Rinse thoroughly.
5. The motor base may be wiped with a damp cloth.
WARNING: DO NOT IMMERSE THE MOTOR BASE IN WATER.

Operating Instructions

1. Place the motor base on a flat, clean, dry countertop or table.
2. Make sure the unit is unplugged.
3. The Rocket Blender comes with 2 sizes of processing cups. Place the food to be processed into the desired cup: tall blending cup or small grinding cup.
4. To assemble for blending, chopping, or mixing, using the blade's collar to handle, place the blending (cross) blade into the tall blending cup.
5. To assemble for grinding or whipping, using the blade's collar to handle, place the grinding (flat) blade into the small grinding cup.
IMPORTANT: Check to make sure the cup ring is not attached to the blending cup before assembling the blade. If it is, simply lift off to remove.
IMPORTANT: In the base of each blade's collar, there is a plastic gasket seal that creates an airtight fit with the Rocket processing cups. After dishwashing and before each use, always check to make sure the gasket is properly in place, as the heat from some



7.0 Illustrations

Illustration 2c - Instruction Manual

dishwashers may cause the gasket to become loose.

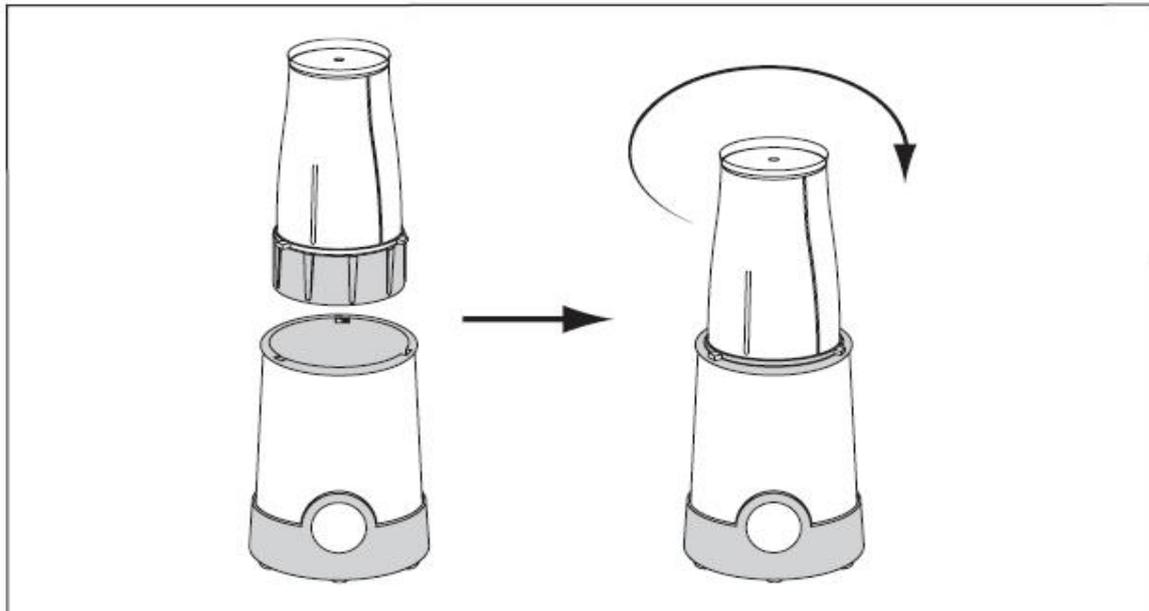
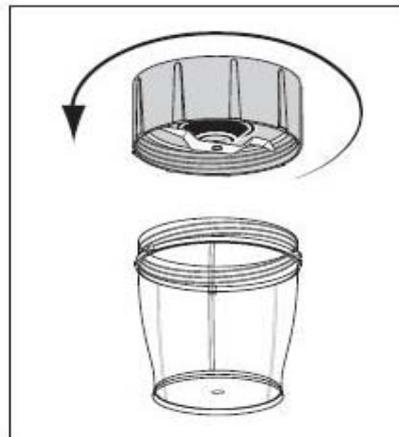
WARNING: Never operate the Rocket Blender when the cup (tall or small) is empty.

WARNING: Never overfill the tall or small cup. Do not exceed the MAX line.

6. Hold the cup (tall or small) firmly in one hand. Use the other hand to tighten the cup/blade assembly by turning the blade collar clockwise until snug.
7. Plug the power cord into a 120V AC electrical outlet.
8. Invert the processing cup/blade assembly. Insert the blade collar into the motor base, fitting the tabs into the slots on the motor base.

NOTE: The Rocket Blender will not operate unless the 3 locking tabs on the processing cup are properly fitted into the 3 slots on the motor base.

9. To process, press down the processing cup (tall or small) and turn it clockwise into the motor base until it is locked. To stop, press down and turn counterclockwise the cup until the tabs are fully aligned. Release the cup.
The blender will operate until pressure is released.
10. To pulse, simply press down. The motor will stop when you release the cup. Check results and continue to pulse, if necessary, until the desired consistency is reached.
WARNING: Do not operate the motor continuously for more than 1 minute at a time. Allow the motor to rest for 3 minutes before continuing.
11. When processing is completed, turn the cup counter-clockwise in the base and lift to remove the cup/blade assembly.
12. Invert the cup/blade assembly. Hold the cup (tall or small) firmly in one hand. Use the other hand to turn the blade collar counter-clockwise and remove the blade from the processing cup.
13. Add the cup ring to enjoy fresh juice, blended drinks or smoothies immediately. Press down to fasten the cup ring to any of the blending cups.
14. Unplug the Rocket Blender when not in use and before cleaning.



7.0 Illustrations

Illustration 2d - Instruction Manual

Food Processing Hints

WARNING: Do not operate the motor continuously for more than 1 minute at a time. Allow motor to rest for 3 minutes before continuing.

Never overfill the processing cup. The maximum capacity of the tall blending cup is 13.5 oz./399 ml. The maximum capacity of the small grinding cup is 6 oz./175 ml.

- For best results, solid foods should not be larger than 1-inch pieces. Cut or tear food into pieces approximately equal in size before processing.
- Fasten either shaker lid (small holes or large holes) to either cup (small grinding or tall blending) to use for cooking or serving.
- The large-hole shaker top may be used to serve: grated Parmesan cheese, chocolate, flavored sugars, or coarse spice blends. Use the small-hole shaker top for finely ground spices, such as nutmeg or cinnamon stick.

Grinding Coffee

Preparing, using, and storing freshly-ground coffee is simple with the Rocket blending set.

1. Add coffee beans to the small grinding cup. If desired, add any other flavoring ingredients, such as cinnamon or vanilla bean.
2. Add the grinding blade.
3. Pulse until coffee beans are the desired texture. The coarser the grind, the milder the brew. For espresso grind, pulse until the beans are ground to a fine powder.

User Maintenance Instructions

This appliance requires little maintenance. It contains no user-serviceable parts. Any servicing requiring disassembly other than cleaning must be performed by a qualified appliance repair technician.

Care & Cleaning Instructions

CAUTION: Never immerse the motor base, plug or cord in water or any other liquid.

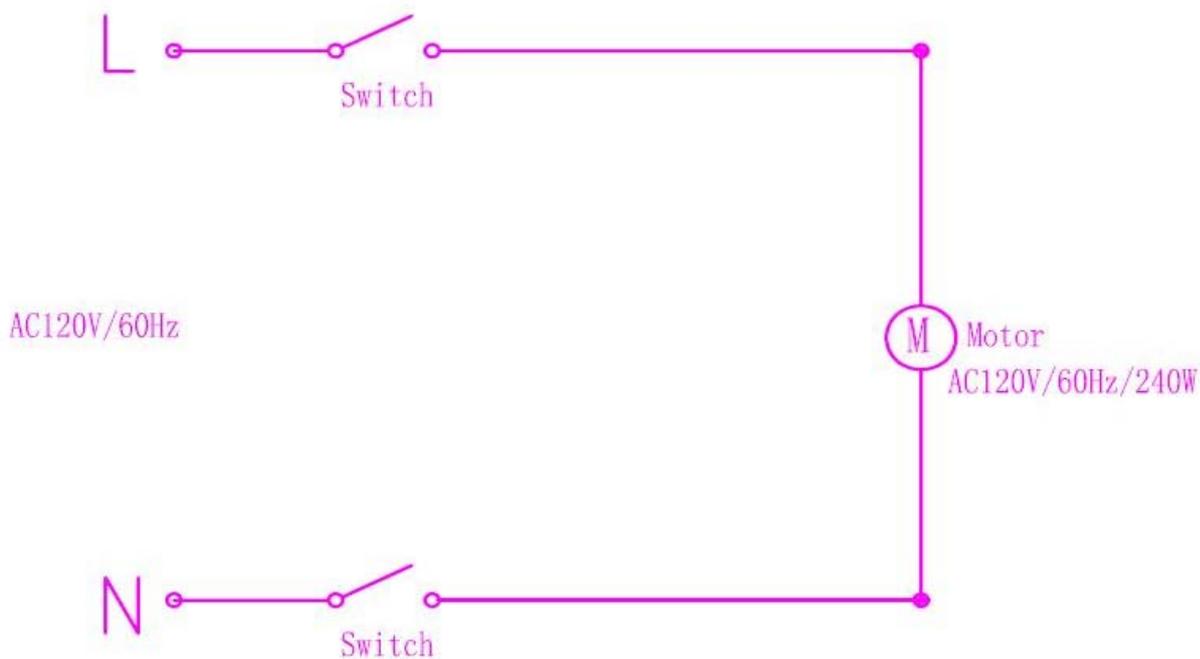
1. Always unplug the Rocket Blender before cleaning.
2. Whenever possible, rinse parts immediately after processing to make cleanup easier.
3. Always handle blades using the blade collar.
CAUTION: Use extreme care when handling blades. Do not touch the blades with your fingers. The blades are very sharp and can cause injury if touched.
4. If necessary, use any small nylon bristle brush to remove processed food from the blade and the blade area.
5. For quick clean-ups, fill processing cup (blending or grinding) one-quarter full with clean, warm water. Following the steps outlined in the Operating Instructions, pulse several times using first the blending blade and then the grinding blade. Rinse thoroughly.
6. Remove cup rings after use to clean. Wash all lids and cup rings in warm soapy water. Rinse and dry thoroughly.
CAUTION: Never use rough scouring pads or abrasive cleansers on any plastic or metal parts as the surface may be damaged.
7. Processing blades, processing cups and lids are all top-rack dishwasher safe.
IMPORTANT: After dishwashing, always check to make sure the gasket seal in the base of the blade collar is properly in place, as the heat from some dishwashers may cause them to become loose.
8. The motor base may be wiped with a damp cloth or sponge. Dry thoroughly.
WARNING: DO NOT IMMERSE THE MOTOR BASE IN WATER.

Storing Instructions

1. Unplug and clean unit.
2. Store in original box or in a clean, dry place.
3. Never store Rocket Blender while it is hot or plugged in.
4. Never wrap cord tightly around the appliance. Never place any stress on cord, especially where the cord enters the unit, as this could cause the cord to fray and break.

7.0 Illustrations

Illustration 3 - Circuit Diagram



7.0 Illustrations

Illustration 5 - Drawing of Blade

For Blender

: 图	标记	处数	更改单号	更改描述	签名	日期
<p>技术要求:</p> <ol style="list-style-type: none"> 1. 要符合RoHS标准的要求; 2. 表面不允许有毛刺、凹痕、刮伤、磨损、污渍、变形等缺陷; 3. 刀片折弯位置不能裂痕 4. 以原折弯位置以90度来回折弯一次不能出现裂痕 5. 刀锋要锋利 不能有钝边 6. 带“*”的为重要控制尺寸. 						
3	刀柄	1	SUS303	硬度: 28-38°		
2	W型刀片	1	SUS301 T:1.0mm	硬度: 28-38°		
1	U型刀片	1	SUS301 T:1.0mm	硬度: 28-38°		
序号	代号	名称	材料规格			
型号: HB-1102 搅拌机						
名称: 搅拌机						
图号: 版次: A						
设计: 日期:						
校对: 日期:						
标准化: 日期:						
共 1 张 第 1 张 审 批: 日期:						
		<p>比例:</p> <p>单位: mm</p> <p>幅面: A4</p> <p>共 1 张 第 1 张</p>				

7.0 Illustrations

Illustration 5a - Drawing of Blade

For Coffee Mill

:台图	更改描述	签名	日期
标记	更改单号		
处数			

2	S型刀片	1	SUS301 T:1.0mm 硬度: 28° -38°
1	刀柄	1	SUS303 硬度: 28° -38°
序号	代号	数量	材料规格
型 号: HB-1102 搅拌机			
名 称: 磨豆刀			
编 码:			

江门市升迅科技实业有限公司

图 号:	版次: A
设 计:	日 期:
校 对:	日 期:
标 准 化:	日 期:
审 批:	日 期:

技术要求:

1. 要符合RoHS标准的要求;
2. 表面不允许有毛刺、凹痕、刮伤、磨损、污渍、变形等缺陷;
3. 刀片折弯位置不能裂痕
4. 以原折弯位置以90度来回折弯一次不能出现裂痕
5. 刀锋要锋利 不能有钝边
6. “带” * ”的为重要控制尺寸.

比例:		设计:		日期:	
单位: mm		校对:		日期:	
幅面: A4		标准化:		日期:	
共 1 张	第 1 张	审 批:		日 期:	

1

Form No. 01-SV-A

8.0 Test Summary

Evaluation Period	15-Oct-2014 ~ 08-Jan-2015		Project No.	141015030GZU
Sample Rec. Date	15-Oct-2014	Condition	Prototype	Sample ID. S141015030-001~022
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China 510663).			
Test Procedure	Testing Lab			

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL982, 6th Edition, Rev. Jun. 9, 2010 Clause	CSA C22.2 No. 1335.2.14-93, R2013, see also CSA C22.2 No. 1335.1-93, R2013 Clause	UL 2111, 1st Edition, Rev. Jan. 27, 2006 / clause
Moving Members	24	19.10	/
Stability	25	20.1	/
Surface Temperature	29	/	/
Protection Against Personal Injury (Blender & Coffee Mill)	30.4 & 30.12	20.115 & 20.121	/
Leakage Current Test	32	13	/
Operational Tests	33	/	/
Starting Current Test	34	9	/
Input Test	35	10	/
Normal Temperature Test	36	11	/
Dielectric Voltage-Withstand Test	37	16	/
Leakage Current Following Humidity Tests	38	15.3.1	/
Flooding of Live Parts Tests	40	15.2.1	/
Test for Reliability of Parts Not Subject to Flexing	42	/	/
Abnormal Operation Test	47	/	/
Switch Overload Test	52	24.15.2	/
Strain Relief Test	54	25.15.1	/
Push-back Relief Test	55	25.15.1.4	/
Metal Enclosure Impact Tests	57	/	/
Enclosures of Polymeric Material for Portable Appliances	58	19.10.1-19.10.3 & 30.4-30.10	/
Thermoplastic Coil Forms and Thermoplastic Insulating	60	/	/
Lock Motor Test	/	19.7	/
Limited Short Circuit Test	/	/	18

8.1 Signatures

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.

Completed by:	Sidney Guo	Reviewed by:	Benson Li
Title:	Engineer	Title:	Team Leader
Signature:	<i>Sidney Guo</i>	Signature:	<i>Benson Li</i>

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Sinsion Technology Industrial Co., Ltd
Address	No. 11, Tongle Rd., Tangxia town, Pengjiang Qu, Jiangmen, Guangdong, China
Country	China
Product	ROCKET BLENDER

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

Note to Intertek Follow Up Inspector: The Component Evaluation Center, CEC, will notify you in writing when these components must be selected and sent to the CEC for re-evaluation

Ship the samples to:
Intertek Testing Services Shenzhen Limited Guangzhou Branch
ETL Component Evaluation Center
Block E, No. 7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City

CETDD Guangzhou, China.

Attn: Ms. Joey Kuang

Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

- Dielectric Voltage Withstand Test
- Polarization Test

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contractors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.

The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.

If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:

- 1 - a voltmeter in the primary circuit;
- 2 - a selector switch marked to indicate the test potential; or
- 3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.

In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

<u>Product</u>	<u>Test Voltage</u>	<u>Test Time</u>
All products covered by this Report.	1000V or 1240V	60 s 1 s

11.2 Polarization Test

Method

As a routine production-line verification, each cord-connected appliance provided with a 2-wire polarized plug, shall be examined or tested for electrical continuity between the ungrounded circuit supply conductor of the attachment plug (narrow blade) and all components intended to be connected to the ungrounded conductor. If the continuity cannot be readily determined by visual inspection and component checking, an electrical continuity test is to be conducted.

- a) The switch, if employed and
- b) The thermal protect device, if employed

Any indicating device such as ohmmeter, a battery-and-buzzer combination, or the like, shall be used to determine compliance with the continuity requirements mentioned above.

Products Requiring Polarization Test:

All products covered by this Report.

