

TEST REPORT

SCOPE OF WORK:

EMC report

Model:

PK-G916, details refer to Page 3

REPORT NUMBER

170501499SHA-001/Amendment 8

ISSUE DATE

May 05, 2023

DOCUMENT CONTROL NUMBER

TTRFamend_V1
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Report no. 170501499SHA-001/Amendment 8

Applicant :

Manufacturer :

Factory :

Summary

The equipment complies with the requirements according to the following standard(s) or Specification:

***EN IEC 55014-1:2021:** Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus Part 1: Emission


***EN IEC 55014-2:2021:** Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity – Product family standard

***EN IEC 61000-3-2:2019+A1:2021:** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current \leq 16A per phase)

***EN 61000-3-3:2013+A1:2019+A2:2021:** Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16A per phase and not subject to conditional connection

PREPARED BY:

REVIEWED BY:



Reggie Yuan
Project Engineer



Offa Zhou
Reviewer

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Product Description	: Water Kettle
Type/Model(s)	: PK-G916, PK-G916S, PK-G918, PK-G928, PK-G928B, PK-G917, PK-G915, PK-G917-3K, PK-G928-3K, PK-G919, PK-G998-S, PK-G998-O, PK-G997, PK-G916S-D, PK-G956, PK-G1068, PK-G958, PK-G958B, PK-G988, PK-G988B
Rating(s)	: 220-240V~, 50/60Hz, Class I 1850-2200W for PK-G916, PK-G916S, PK-G918, PK-G928, PK-G928B, PK-G917, PK-G915, PK-G919, PK-G998-S, PK-G998-O, PK-G997, PK-G916S-D, PK-G956, PK-G958, PK-G958B, PK-G988, PK-G988B; 2520-3000W for PK-G917-3K, PK-G928-3K;
Brand name	: /
Date of test	: /
Base testing laboratory	: Intertek Testing Services Shanghai
Amendment 8:	
<p>The original test report ref. No. 170501499SHA-001 dated on May 31, 2017 with amendment 1 dated on August 15, 2017, amendment 2 dated on December 27, 2017, amendment 3 dated on July 16, 2018, amendment 4 dated on March 19, 2019, amendment 5 dated on June 05, 2019, amendment 6 dated on September 27, 2020, amendment 7 dated on March 25, 2021 were modified on May 05, 2023 to include the following additions and/or changes:</p> <ol style="list-style-type: none"> 1. "*" means the standard has been updated by the new standards listed in this report, and there is no difference on this kind of products between the new standard and the old one. 2. Added 2 new models PK-G988, PK-G988B. PK-G988 is same as PK-G915 except the appearance. PK-G988 and PK-G988B only different at the base support. <p>After technical evaluation, no additional testing is required accordingly.</p> <p>This amendment test report should be read in conjunction with the based test report.</p>	

Revision History

Report No.	Version	Description	Issued Date
170501499SHA-001/ Amendment 8	Rev. 01	Initial issue of report	May 05, 2023

Measurement result summary

TEST ITEM	TEST RESULT	NOTE
Mains terminal continuous disturbance voltage	Pass	
Mains terminal discontinuous disturbance voltage/click	Pass	
Continuous disturbance power	Pass	
Radiated Emission ⁽¹⁾	Pass	
Harmonics	Pass	
Voltage fluctuation-Flicker	Pass	
Electrostatic Discharge (ESD)	NA	
RF electromagnetic field susceptibility	NA	
Electric Fast Transient /Burst (EFT/B)	NA	
Surge	NA	
Injected Current	NA	
Voltage dips and interruption	NA	

Notes:

1. The item(s) in "bold & italic" means the additional tests has been performed, and test result will be listed in the ANNEX of this amendment report.
2. NA=Not Applicable.
3. Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.
4. Additions, Deviations and Exclusions from Standards: None.

⁽¹⁾ As for in the disturbance power test all emission readings from the EUT are lower than the applicable limits (Table 7) reduced by the margin (Table 8) and the maximum clock frequency is less than 30MHz, the EUT is deemed to comply with the Radiated Emission requirement without test.

Annex I: Photograph of equipment under test

Photo 1.

Description: Overall view of PK-G988B



Photo 2.

Description: Overall view of PK-G988, PK-G988B

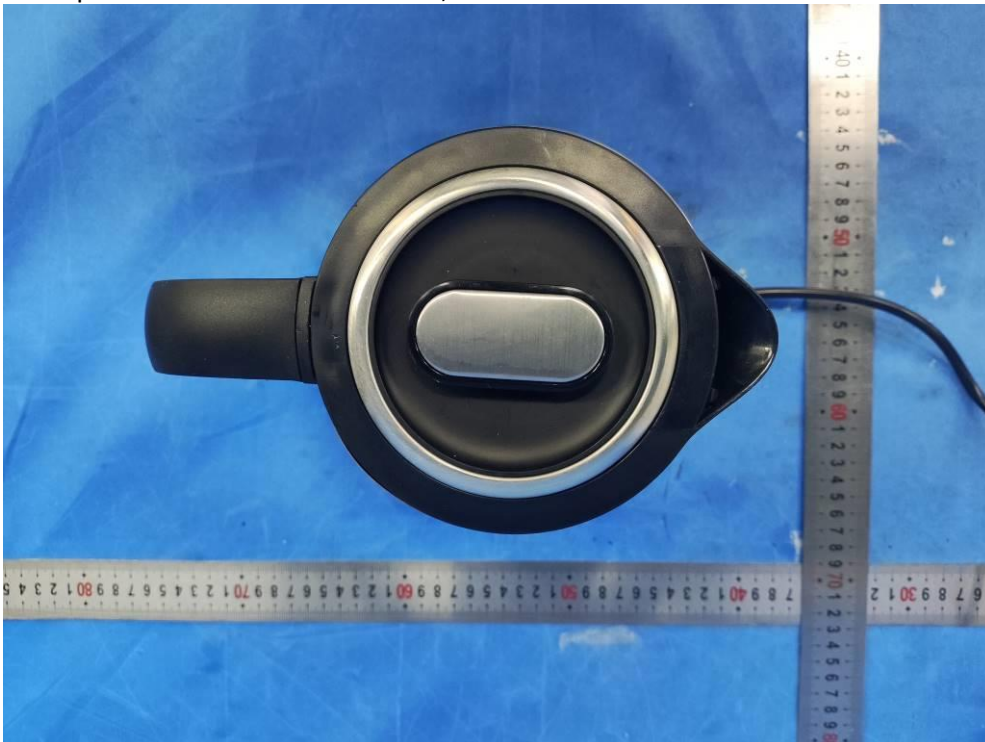


Photo 3.

Description: Overall view of PK-G988B



Photo 4.

Description: Overall view of PK-G988B



Photo 5.

Description: Overall view of PK-G988B



Photo 6.

Description: Lid open view of PK-G988, PK-G988B



Photo 7.

Description: Switch view of PK-G988, PK-G988B

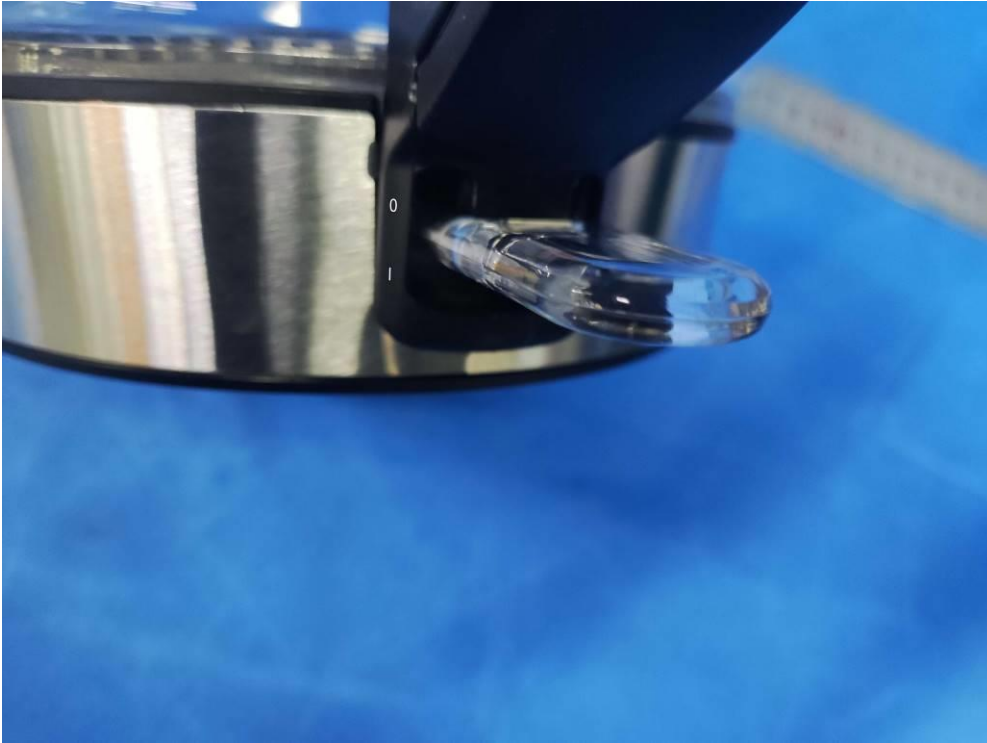


Photo 8.

Description: Internal view of PK-G988, PK-G988B



Photo 9.

Description: Internal view of PK-G988, PK-G988B

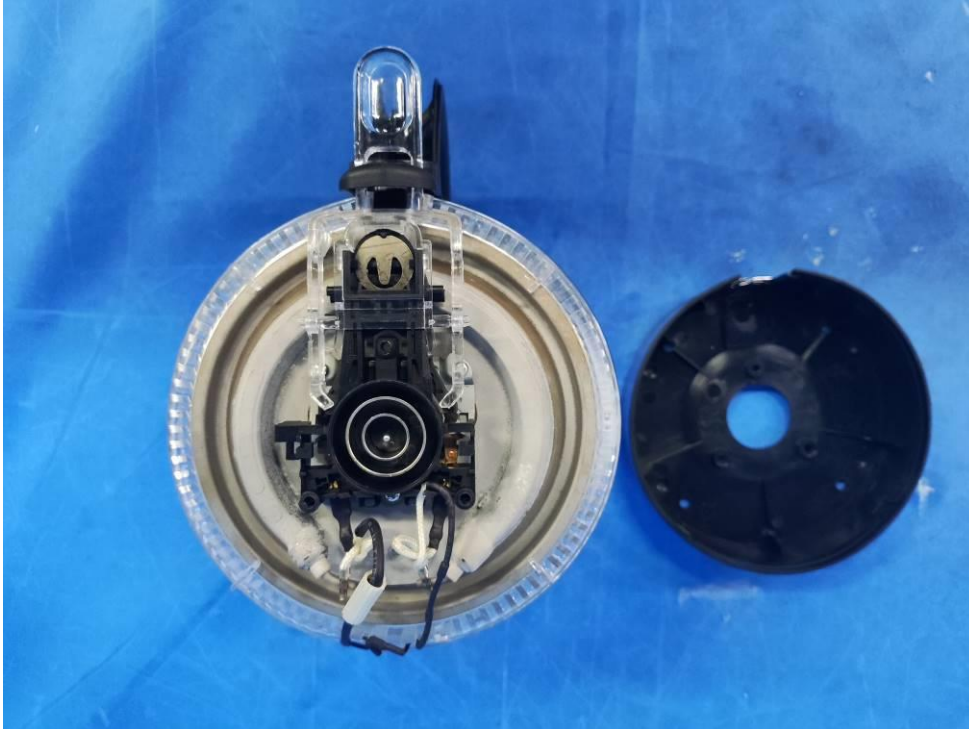


Photo 10.

Description: Earthing connect view of PK-G988, PK-G988B

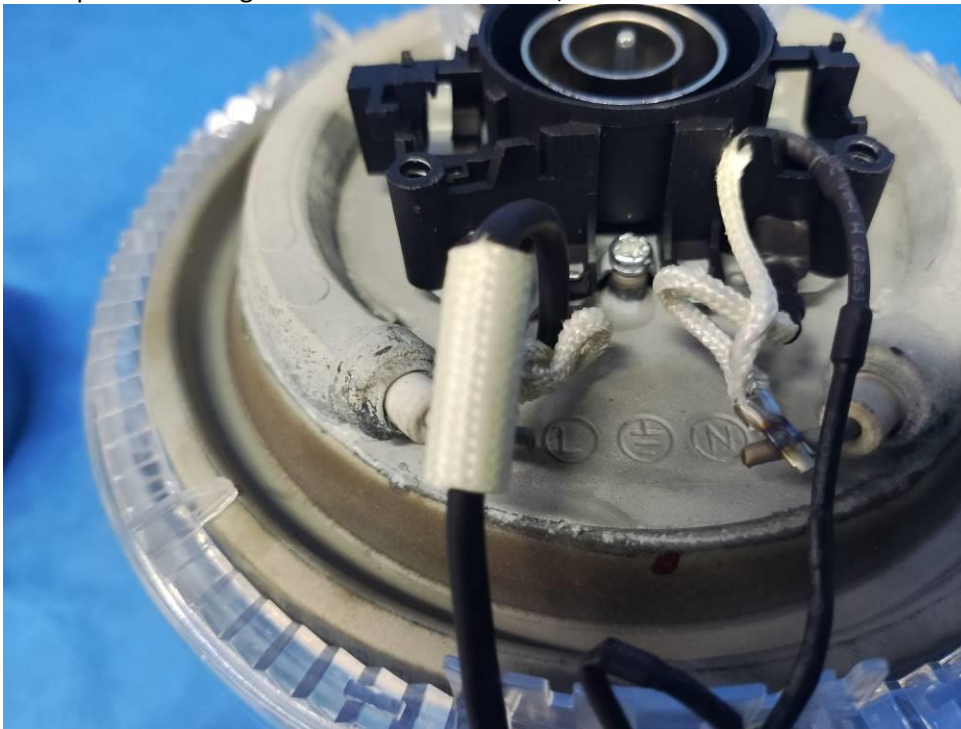


Photo 11.

Description: Overall view of stand for PK-G988B



Photo 12.

Description: Internal view of stand for PK-G988B



Photo 13.

Description: Earthing connect view of stand for PK-G988, PK-G988B



Photo 14.

Description: Overall view of PK-G988



Photo 15.

Description: Overall view of PK-G988



Photo 16.

Description: Overall view of PK-G988



Photo 17.

Description: Overall view of PK-G988



Photo 18.

Description: Overall view of PK-G988

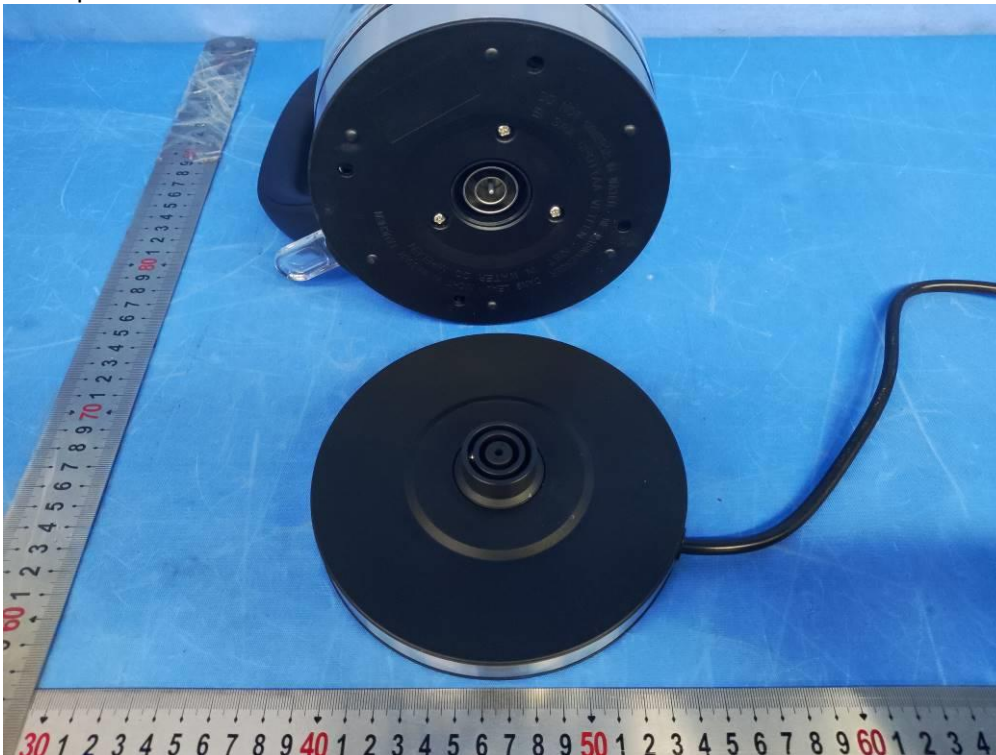


Photo 19.

Description: Overall view of stand for PK-G988



Photo 20.

Description: Internal view of stand for PK-G988



Photo 21.

Description: Thermal control and Cordless connector system view of PK-G988, PK-G988B (KSD185-B3 and KSD185-K3 of Henglai)

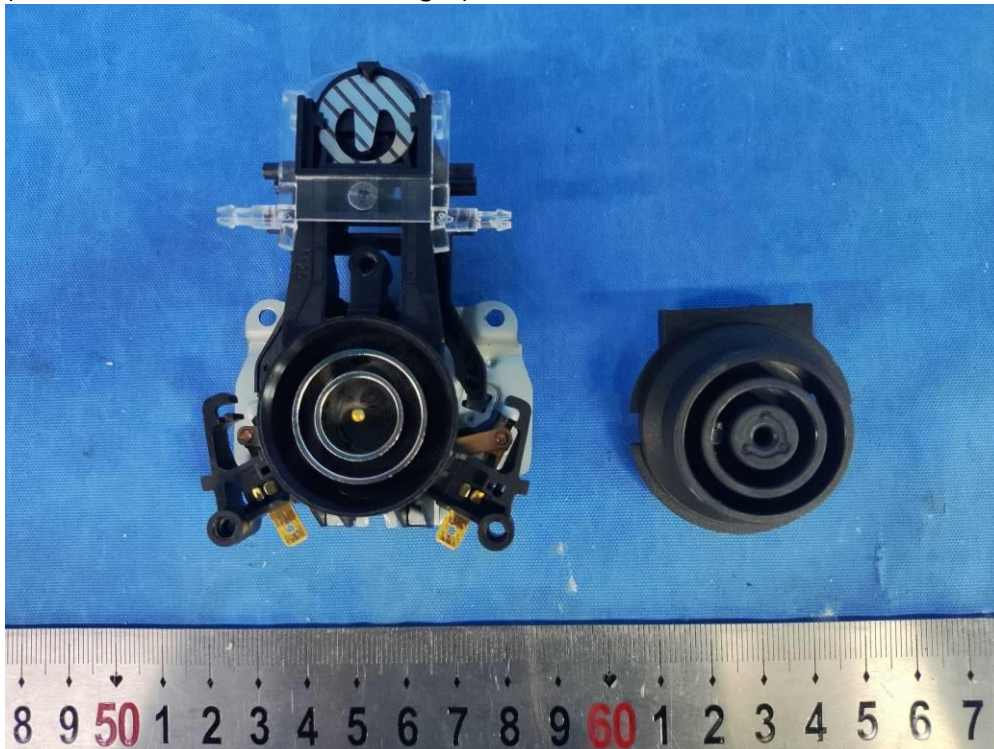
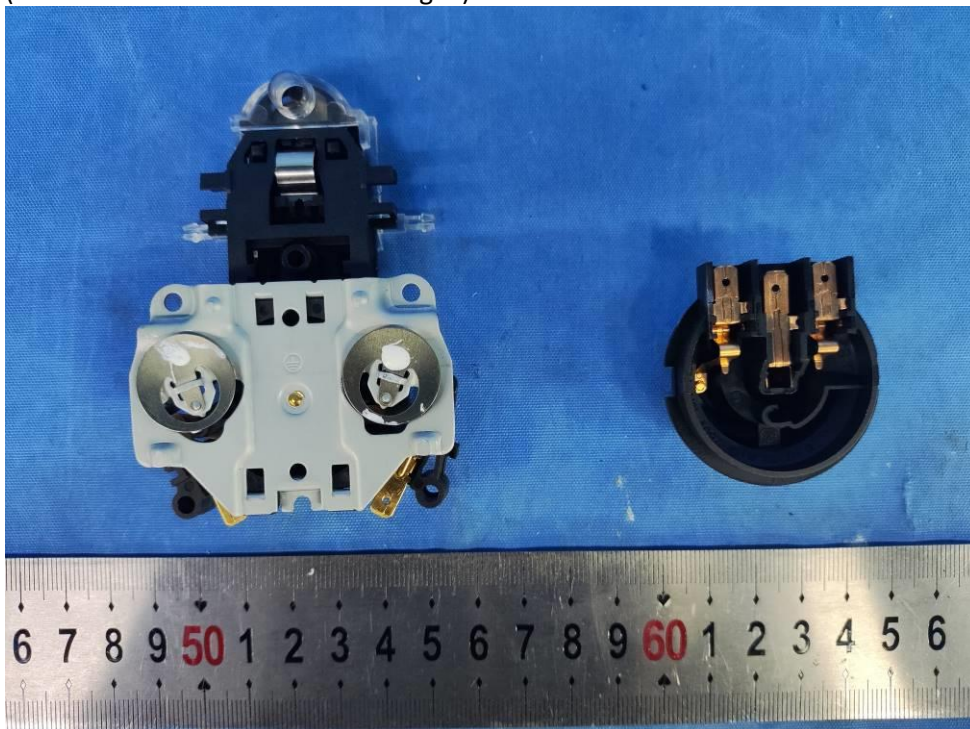


Photo 22.

Description: Thermal control and Cordless connector system view of PK-G988, PK-G988B (KSD185-B3 and KSD185-K3 of Henglai)



END of the report