

Test Report

Report No. : SHES220601194071 **Issue date**..... : 2022-09-05

Applicant : AirQuality Technology (Shanghai) Co., Ltd.
No. 1199, Yixian Road, Baoshan, Shanghai, China

Manufacturer : Same as manufacturer

Factory : Same as manufacturer

Laboratory : SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Product Description..... : MESP Air Sterilizing Purifier

Model No. : KJ750F-01A

Date of Sample Received. : 2022-07-05 **No. of samples:** 1

Date of Test : 2022-07-05 to 2022-08-31

Test Standard..... : According to client's requirement

Test Item..... : According to client's requirement

Test Result : See the following pages.

Remark /Note :
1. Test data in this report is only responsible for submitted test samples.
2. The report shall not be reproduced except in full, without approval of the laboratory.
3. The test was performed in test lab China Household Electric Appliance Research Institute.
4. The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc... and just for client internal reference.

Prepared By:

David Sun

Approved by:

Sven Dong



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SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center East, Songjiang District

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Technical data:

Trademark	AirQuality MESP
Type of Appliance.....	Portable appliance
Type / Model	KJ750F-01A
Rated Input Voltage(V)	220-230 V~
Rated Frequency (Hz)	50 Hz
Rated Power(W).....	65 W
Rated Current (A)	N/A

Rating label

SGS-CSTC Shanghai Technical Services (Shanghai) Co., Ltd.
Testing Center Ltd. Shanghai

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Test result:

The submitted samples were tested as requested and the following results were obtained.

1. Test standard: GB/T 18801-2015: Air cleaner

Test item: CADR and CEE of Particles, noise

Test items and requirements				Test result and note			Verdict
Clause	Item	Unit	Limit value	Rated value	Measured value	Grade	
CADR	Particles	m ³ /h	≥90% of rated value	720	815.5	---	Pass
Cleaning energy efficiency-CEE	Input power	W	--	65	63.5	---	---
	Particles	m ³ /(h·W)	≥90% of rated value	--	12.843	High efficiency	---
			≥2.00				Pass
Noise	Noise	dB(A)	66	--	63.6	--	Pass
Note: 1. Test program: max mode.							



2.Refer to test standard: GB 21551.3 -2010 Annex A

Test item: air virus removal test

Clause	Item	Time	Test No.	Natural decay rate(%)	Virus removal rate(%)
Annex A	H1N1	60 min	1	78.7	>99.9
	(A/PR/8/34)		2	72.4	>99.9
	MDCK Cell		3	78.1	>99.9

Note:

1. Test chamber: 30 m³
2. Initial TCID₅₀ is around 10⁶/m³
3. Test mode: Max mode
4. Control group: Without sample



SGS-CSTC Shanghai Technical Services Co., Ltd.
Testing Center E&C Security Technology

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3. Test standard: IEC 60335-2-65: 2002+A1:2008+A2:2015, IEC 60335-1: 2010+A1:2013+A2:2016 Clause 32: The ozone concentration measurement during the normal operation.

Ozone concentration test	SUB-CLAUSE: 32	
Compliance is checked by the following test, which is carried out in a room without openings having dimensions of 2.5 m*3.5 m*3.0 m, the walls being covered with polyethylene sheet. The appliance is positioned in accordance with the instructions. Appliances used on a table are placed in the centre of the room approximately 750mm above the floor. The room is maintained at approximately 25 °C and 50% relative humidity. The appliance is supplied at rated voltage for 24h, removable filters being removed if this is more unfavourable. The ozone sampling tube is to be located in the air stream 50 mm from the air outlet of the appliance. The background ozone concentration measured prior to the test is subtracted from the maximum concentration measured during the test. The percentage of ozone in the room shall not exceed 5×10^{-6}. Test voltage: 220 V~		
Result	The percentage background of Ozone concentration of O ³ (before the test):	0.0010x10 ⁻⁶
	The maximum percentage of Ozone concentration of O ³ (during the test):	0.0028x10 ⁻⁶
	The average percentage of Ozone concentration produced by product:	0.0017x10 ⁻⁶
	The percentage of Ozone in the room shall not exceed:	5x10 ⁻⁶
	Verdict	Pass
Remark: Tested at max mode.		



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Photo documents:



General view

*** End of Report***



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