



中国认可  
国际互认  
检测  
TESTING  
CNAS L0793

# 检 验 报 告

## TEST REPORT

产品名称: Name of product:	艾泊斯 (AirProce) 空气净化器 AirProce Air Purifier
检验类别: Test category:	委托检验 Entrusted
委托单位: Applicant:	上海艾泊斯净化科技有限公司 AirProce Technology Co.Ltd.
生产者(制造商): Manufacturer :	建耀电子科技(上海)有限公司 Jianyao Technology Co.Ltd.
生产企业: Factory:	_____

中家院(北京)检测认证有限公司

CHEARI (Beijing) Certification & Testing Co., Ltd.

(中国家用电器检测所)

(China Testing & Inspection Institute For Household Electric Appliances)

# 检 验 报 告

## TEST REPORT

报告编号 No.:WCK-22-50583

共 12 页 第 2 页

Report reference No.:WCK-22-50583

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产品名称 Name of product	艾泊斯 (AirProce) 空气净化器 AirProce Air Purifier	型号规格 Type/model ref.	KJ600G-AI600 600m <sup>3</sup> /h
商标 Trade mark		样品等级 Sample grade	—
检验类别 Test category	委托检验 Entrusted	样品来源 Sample provided by	<input checked="" type="checkbox"/> 送样 <input type="checkbox"/> 抽样 <input checked="" type="checkbox"/> Delivery <input type="checkbox"/> Sampling
样品数量 Sample amount	1	样品编号 Sample No.	2200-21012-01
委托单位/地址 Applicant /Address	上海艾泊斯净化科技有限公司/上海市浦东新区沪南路 2218 号东楼 28F AirProce Technology Co.Ltd./ 2218 Hunan Road, East Building 28F, Pudong New District, Shanghai		
生产者 (制造商) /地址 Manufacturer / Address	建耀电子科技 (上海) 有限公司/上海市浦东新区航头镇沪南公路 5469 弄 126 号 Jianyao Technology Co.Ltd./No. 126, Lane 5469, Hunan Road, Hangtoun Town,Pudong New District,Shanghai		
生产企业/地址 Factory/ Address	—/—		
检验依据 Test standard or method	GB 21551.3-2010 《家用和类似用途电器的抗菌、除菌、净化功能 空气净化器的特殊要求》 GB 21551.3-2010 <i>Antibacterial and cleaning function for household and similar appliances-Particular requirements of air cleaner</i> T/CAQI 116-2020 《家用和类似用途空气净化器精准净化技术要求及测试方法》 T/CAQI 116-2020 <i>Technical requirement and test method for precise purification of household and similar air cleaner</i>		
判定依据 Decision basis	按检验依据进行判定 Based on the test standard		
<p>检验结论: Test Conclusion:</p> <p>受上海艾泊斯净化科技有限公司委托, 对 “ 艾泊斯 ” 牌 KJ600G-AI600 型艾泊斯 (AirProce) 空气净化器进行有害物质释放 (臭氧浓度、紫外线强度、TVOC 浓度、PM<sub>10</sub> 浓度)、除过敏原 (猫皮屑)、除异味 (香烟异味) 项目的检验。</p> <p>所检项目的检验结果符合标准要求。</p> <p>Entrusted by AirProce Technology Co.Ltd., Harmful substances release (Ozone concentration Ultraviolet intensity TVOC concentration PM<sub>10</sub> concentration) Cat dander allergen (Fel d 1) removal rate Poor odor intensity(Cigarette odor) on model KJ600G-AI600 AirProce Air Purifier have been tested.</p> <p>The test results meet the requirements of standard.</p> <p>(Void)</p> <p><b>(本报告中委托方对样品和相关资料的真实性负责, 检测机构仅对检验数据的准确性负责。)</b> <b>(Statement: In the test report, the applicant is responsible for the authenticity of the sample and the relevant information. Testing lab is responsible for the accuracy of test data only.)</b></p> <p style="text-align: right;">签发日期: 2022 年 10 月 13 日 Date of issue</p>			
主检: Tested by		审核: Reviewed by	
		批准: Approved by	

## 检验说明 Test Instruction

### 1. 检测开始前对被检样品的确认:

Confirmation of samples to be examined prior to commencement of testing:

样品未发现异常 No abnormality was found in the sample. [  ]

尚可满足检验需要 Meet test requirements. [  ]

样品数量符合检验需要 The sample quantity meets the test requirement. [  ]

样品实物与委托单填写内容相符 The actual sample is in accordance with the content filled in the entrustment form. [  ]

### 2. 在本报告中:

In this report:

“P”表示该项试验结果符合标准要求,即“合格或通过”;

“P” means “Pass”. Test object does meet the requirement.

“F”表示该项试验结果不符合标准要求,即“不合格或不通过”;

“F” means “Fail”. Test object does not meet the requirement.

“N”或“N/A”表示该项要求不适用;

“N” or “N/A” means “Not applicable”. Test case does not apply to the test object.

在本报告中,以“[ ]”形式提供选项时,“[  ]”表示该项被选中;

以“”形式提供选项时,“或”表示该项被选中。

When an option is provided in the form "[ ]", "[  ]" indicates that the item has been selected.

When an option is provided in the form "", " or "" indicates that the item has been selected.

### 3. 本次样品接收日期 2022 年 09 月 21 日

Date received: Sep. 21st, 2022

检测开始日期 2022 年 09 月 21 日

Date of start of tests: Sep. 21st, 2022

检测结束日期 2022 年 10 月 09 日

Date of end of tests: Oct. 09th, 2022

### 4. 本次检测活动实施地点为: Testing location/ address:

[ ]北京市北京经济技术开发区博兴八路3号

No.3, Boxing Balu, Beijing Economic and Technological Development Area, Beijing, China

[  ]北京市西城区下斜街29号

No.29, Xiexie Street, Xicheng District, Beijing, China

[ ]浙江省慈溪市古塘街道科技路32号(慈溪智慧谷科技广场)2号楼4层

4/F., Building 2, No. 32, Keji Road, Gutang Street, Cixi, Zhejiang, China

[ ]离开固定场所,具体地址为: \_\_\_\_\_

At sites or facilities outside its permanent control. Address: \_\_\_\_\_

(以下空白)

(void)

样品描述及照片  
Sample Description/ Sample Photo

1. 额定值 Ratings:  
额定电压或电压范围 Rated voltage or voltage range: 220V~  
额定电流或电流范围 Rated current or current range: ——  
额定功率或功率范围 Rated frequency or frequency range: 120W  
额定频率或频率范围 Rated frequency or frequency range: 50Hz  
额定洁净空气量 Clean air delivery rate (颗粒物) (Particulate matter): 600m<sup>3</sup>/h  
(甲醛) (Formaldehyde): 320m<sup>3</sup>/h  
额定送风量 Rated air output: ——
2. 功能描述 Function:  
可去除固态污染物 ability to remove solid pollutants [  ]  
可去除气态污染物 ability to remove gaseous pollutants [  ]  
可除菌 ability to remove bacteria [  ]
3. 净化类型 Type of Cleaning:  
过滤式 Filtration [  ]      吸附式 Adsorption [  ]      络合式 Complexation [   ]  
化学催化式 Chemocatalysis [   ]      光催化式 Photocatalysis [   ]      静电式 Static electricity [   ]  
负离子式 Negative ion [   ]      等离子式 Plasma [   ]      复合式 Combined type [   ]  
其他 Other [   ]
4. 器具类型 Type of Appliance:  
便携式 Portable type [   ]      手持式 Handheld type [   ]      驻立式 Vertical type [  ]  
固定式 Stationary type [   ]      嵌入式 Built-in type [   ]
5. 电动机描述 Motor:  
电容运转电机 Capacitor running motor [   ]      直流无刷电机 DC brushless motor [   ]  
交流变频电机 AC frequency motor [   ]      其他 Other [  ]      永磁直流电机 Permanent magnet DC motor
6. 控制器描述 Controller:  
机械控制器 Mechanical controller [   ]      电子控制器 Electronic controller [   ]  
遥控器 Remote control [  ]
7. 外形尺寸 Dimensions:  
    820 mm × 410 mm × 410 mm (H×W×D)
8. 除菌原理 Principle of bacteria removal: 过滤除菌 Filtration sterilization.
9. 其他 Other: ——


样品描述及照片  
Sample Description/ Sample Photo

 **艾泊斯 ( AirProce ) 空气净化器**

产品型号	KJ600G-AI600
额定电压	220V~
电源频率	50Hz
额定功率	120W
颗粒物洁净空气量 (CADR颗粒物)	600m <sup>3</sup> /h
颗粒物累积净化量 (CCM颗粒物)	P4
甲醛洁净空气量 (CADR甲醛)	320m <sup>3</sup> /h
甲醛累积净化量 (CCM甲醛)	F4
颗粒物净化能效	高效级
噪音值	67dB(A)

执行标准GB/T18801-2015

建耀电子科技(上海)有限公司

 **AirProce Air Purifier**

Model	KJ600G-AI600
Working Voltage	220V~
Power Frequency	50Hz
Energy Consumption	120W
CADR <sub>PM</sub>	600m <sup>3</sup> /h
CCM <sub>PM</sub>	P4
CADR <sub>HCHO</sub>	320m <sup>3</sup> /h
CCM <sub>HCHO</sub>	F4
Energy Efficiency Ratio	Superior
Sound Level	65dB(A)

Executive Standard : GB/T 18801-2015

Jianyao Technology Co. Ltd.

样品描述及照片  
Sample Description/ Sample Photo



KJ600G-AI600



KJ600G-AI600

样品描述及照片  
Sample Description/ Sample Photo



KJ600G-AI600



KJ600G-AI600 (主面板) (main operator panel)

样品描述及照片  
Sample Description/ Sample Photo



KJ600G-AI600 (遥控器) (Remote control)

## 检 验 结 果

### Test Result

GB 21551.3-2010

检 验 结 果 TEST RESULT						
章条 Item	检测项目 Test items			实测值 Measured value	标准规定值 Nominal value	判定 Judge- ment
4.1.2	有害物质 释放 Harmful substanc- es release	臭氧浓度 Ozone concen- tration	(出风口 5cm 处) (5cm from air outlet)	<0.002	$\leq 0.10 \text{ mg/m}^3$	P
		紫外线强度 Ultraviolet in- tensity	(装置周边 30cm 处) (30cm around device)	<0.1	$\leq 5 \mu\text{W/cm}^2$	P
		TVOC 浓度 TVOC concen- tration	(出风口 20cm 处) (20cm from air outlet)	0.0044	$\leq 0.15 \text{ mg/m}^3$	P
		PM <sub>10</sub> 浓度 PM <sub>10</sub> concen- tration	(出风口 20cm 处) (20cm from air outlet)	<0.001	$\leq 0.07 \text{ mg/m}^3$	P
4.2.1	除菌效果 Eliminat- ing bacte- rial rate	白色葡萄球菌 <i>Staphylococcus albus</i>	自然消亡率 (1h) Natural extinction rate (1h)	—	—	—
			除菌率 (1h) Eliminating bacterial rate (1h)	—	$\geq 50\%$	—
		大肠埃希氏菌 <i>Escherichia coli</i>	自然消亡率 (1h) Natural extinction rate (1h)	—	—	—
			除菌率 (1h) Eliminating bacterial rate (1h)	—	$\geq 50\%$	—
说明 Description: 1. 测试程序 Test programme: 手动模式+风速 6 档 Manual mode + wind speed 6。						

## 检验结果 Test Result

<b>T/CAQI 116-2020</b>																					
条款 Item	试验项目及试验要求 Test items and requirements			测试结果-说明 Test result and explanation			判定 Judge ment														
	试验项目 Test items	单位 Unit	限定值 Limit value	标称值 Nomi- nal value	实测值 Meas- ured value	等级 Level															
4.1	净化量 clean mass	PM <sub>2.5</sub>	mg/h	≥100	—	—		—													
		甲醛 Formaldehyde		≥15	—	—		—													
		气固混合物 Gas solid mix- ture		≥180	—	—		—													
4.2	细菌去除率 Eliminating bacterial rate	白色葡萄球菌 <i>staphylococcus albus</i>	%	≥90	—	—		—													
	真菌去除率 Fungus re- moval rate	黑曲霉 <i>Aspergil- lus niger</i>	%	≥90	—	—		—													
	过敏原去除率 Allergen re- duction	猫皮屑 Cat dander al- lergen(Fel d 1)	%	≥80	—	>98.2		P													
4.3	气味强度差 Poor odor in- tensity	香烟异味 Cigarette odor	—	见检验说 明表 1 Descrip- tion Tab.1	—	3.75	B	P													
<p><b>检验说明 Description:</b></p> <p>1、测试条件 Test conditions 测试程序 Test programme: 手动模式+风速 6 档 Manual mode + wind speed 6。</p> <p>2、异味的气味强度差等级 Odor intensity difference grade of odor: 表 1 Tab.1</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">检测项目 Test items</th> <th style="text-align: center;">A 级</th> <th style="text-align: center;">B 级</th> <th style="text-align: center;">C 级</th> <th style="text-align: center;">D 级</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">香烟异味 Cigarette odor</td> <td rowspan="4" style="text-align: center;">≥4</td> <td rowspan="4" style="text-align: center;">≥3</td> <td rowspan="4" style="text-align: center;">≥2</td> <td rowspan="4" style="text-align: center;">≥1</td> </tr> <tr> <td style="text-align: center;">烹饪异味 Cooking odor</td> </tr> <tr> <td style="text-align: center;">宠物异味 Pet odor</td> </tr> <tr> <td style="text-align: center;">卫生间异味 Toilet odor</td> </tr> </tbody> </table>									检测项目 Test items	A 级	B 级	C 级	D 级	香烟异味 Cigarette odor	≥4	≥3	≥2	≥1	烹饪异味 Cooking odor	宠物异味 Pet odor	卫生间异味 Toilet odor
检测项目 Test items	A 级	B 级	C 级	D 级																	
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宠物异味 Pet odor																					
卫生间异味 Toilet odor																					

试验耗材 / 标准物质表  
TEST MATERIALS / STANDARD MATERIAL LIST

名称 Name	参数 Parameter	制造商 Manufacturers	本次使用 Use this time (√)
红塔山香烟 Hongtashan tobacco	烤烟型, 烟气烟碱 0.8mg, 焦油 8mg, 烟气一氧化碳量 9mg Flue-cured tobacco, nicotine: 0.8mg; tar: 8mg; CO: 9mg	红塔山烟草(集团)有限公司 HONGTA TOBACCO(GROUP) CO., LTD	√
甲醇中 9 种挥发性有机物 VOC Mix in Methanol	GBW(E)082679 1000µg/mL	北京坛墨质检科技有限公司 Beijing Tan Mo Quality Inspection Technology Co., Ltd	√
Fel d 1 ELISA kit	EL-FEL	INDOOR biotechnologies	√

# 注 意 事 项

## NOTICE

- 1、 报告无“检验检测专用章”或检测单位公章无效。  
The test report is invalid without “special stamp for inspection and testing” or official stamp of testing institute.
- 2、 复制报告未重新加盖“检验检测专用章”或检测单位公章无效。  
The copy of test report is invalid when it is not re-stamped “special stamp for inspection and testing” or official stamp of testing institute.
- 3、 报告无主检、审核、批准人签章无效。  
The test report is invalid when there are no signatures at “Tested by”, “Reviewed by” and “Approved by”.
- 4、 报告涂改无效。  
The test report is invalid when it is altered.
- 5、 对报告若有异议，应于收到报告之日起十五日内向本机构提出书面意见，逾期不予受理。  
If there is any disagreement with the test report, the formal notice shall be provided within 15 days from the test report being received. Otherwise, it shall not be accepted.
- 6、 本次委托检验仅对来样负责。  
The entrusted testing only has the responsibility for the samples.
- 7、 本报告复印件应由中家院（北京）检测认证有限公司（中国家用电器检测所）提供，未经本机构同意不得部分复制本报告。  
The copy of test report shall be provided by CHEARI (Beijing) Certification & Testing Co., Ltd. (China Testing & Inspection Institute For Household Electric Appliances). The reproduction of any part is not allowed without written permission.
- 8、 未加盖资质认定标志的报告，不具有对社会的证明作用。  
The report without the “CMA” stamp shall not have a certifying effect on the society

地址 1: 北京市北京经济技术开发区博兴八路 3 号 邮政编码: 100176

Address1: No.3, Boxing Balu, Beijing Economic and Technological Development Area, Beijing, China/100176

地址 2: 北京市西城区下斜街 29 号 邮政编码: 100053

Address2: No.29, Xiaxie Street, Xicheng District, Beijing, China/100053

电话(Tel): 010-58083700/58083800

传真(Fax): 010-58083766/58083788

E-mail: testing@cheari.com