



**广 微 测**  
Gmicro Testing



201819000883



中国认可  
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检测  
TESTING  
CNAS L1747

# GUANGDONG DETECTION CENTER OF MICROBIOLOGY

## REPORT FOR ANALYSIS

**Report №.**

2020SP7368R02E

**Name of Sample**

Space Sanitizer System

**Applicant**

BES Group/Yantai United Ozonetec Corporation

**Test Type**

Entrustment Test



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**REPORT FOR ANALYSIS**



Report №.: 2020SP7368R02E Verification Code: 40386217

Name of Sample	Space Sanitizer System	Test Type	Entrustment Test
Applicant	BES Group/Yantai United Ozonetec Corporation	Address	4F, No.1 Wuzhishan Road, ETDZ, Yantai Shandong Province, China
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One
Spec and Lot № of Sample	EOS7190	State and Characteristic	Bright silver machine
Sample Received Date	2020-07-14	Test Completion Date	2020-08-31
Test Standard and Method	HJ 590-2010, etc.		
Item Tested	Ozone concentration, etc.		
Test Conclusion	<p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p style="text-align: right;">Issue Date: 2020-09-30 (Official Seal)</p>		
Remarks			

生物  
检测

**Editor:** Chen Jingxun

**Verifier:** Liang Daqing

**Approver:** Li Liangqiu



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2020SP7368R02E

(1) Ozone concentration

1. Test conditions: 30m<sup>3</sup> test cabin

2. Test Results:

No.	Test Item	Test Result	Unit	Test Method
1	After running for 1h in high gear (IV gear)	1.03	mg/m <sup>3</sup>	HJ 590-2010
	After running for 2h in high gear (IV gear)	2.11	mg/m <sup>3</sup>	HJ 590-2010
	After running for 1h at low gear (III gear)	0.726	mg/m <sup>3</sup>	HJ 590-2010
	After running for 2h in low gear (III gear)	1.42	mg/m <sup>3</sup>	HJ 590-2010

(2) Antibacterial (sterilization) performance

1. Test Method: GB 21551.3-2010 Appendix A

2. Methods briefly: add ultrapure water (conductivity <3μs/cm) according to the instructions, and test the machine after 16 hours of power-on activation at the high gear (IV gear), and turn on the high gear (IV) during the test. The cabin space is 30m.

Test organisms	Action time	No.	Bacteria in the air (cfu/m <sup>3</sup> )	Sterilization rate (%)
<i>Staphylococcus albus</i> 8032	0h(CK)	1	9.5 × 10 <sup>4</sup>	
		2	9.2 × 10 <sup>4</sup>	
		3	9.3 × 10 <sup>4</sup>	
	1h	1	56	99.94
		2	49	99.94
		3	56	99.94
	Average			99.94
	2h	1	21	99.97
		2	28	99.96
		3	21	99.97
	Average			99.97

Remarks: The result of sterilization rate test has eliminated the effect of microbial natural decay in air.

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分析  
专用



Report №.: 2020SP7368R02E

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