

## Test report

Report No.: GZEE220400143231

Date: 2022-05-30

The following sample(s) was/were submitted and identified on behalf of the client as:

Applicant: ERGO Healthtech Limited  
211 New East Ocean Centre, 9 Science Museum Road, TST, Kowloon, Hong Kong

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch  
198 Kezhu Road, Science City, Economic & Technology Development Area, Guangzhou, Guangdong, China

The standards: Tested spectral irradiance according to applicant's requirement

Test item description: Portable Far-UVC Sterilizer

Trade Mark: ERGO222®

Model/Type for test: XONE

Ratings: 3.7 V DC; 3 W

Test result : See page 3

Remark: Throughout this report a point is used as the decimal separator.

*Alex Tan*

Alex Tan  
Reviewer  
E&E Safety Laboratory

*Simon Chen*

Simon Chen  
Project Engineer



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, E&E Laboratory

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<b>Copy of marking plate</b>	
—	
<b>Summary of testing:</b>	
Tests were performed according to particular requirements of client. All tests are performed after the battery is fully charged.	
<b>Test item particulars</b> .....	
Lamp cap .....	—
Lamp identification .....	222nm UVC lamp
Electrical safety class .....	—
IP number .....	—
<b>Testing</b>	
Date of receipt of test item .....	2022-04-22
Date (s) of performance of tests .....	2022-04-22 to 2022-05-11
<b>General product information:</b>	
Portable Far-UVC Sterilizer	



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### 1. Test conditions

Before measurements are taken, there is no seasoning for the luminaire(s), and the luminaire(s) was/were measured within 20 s of power-up.

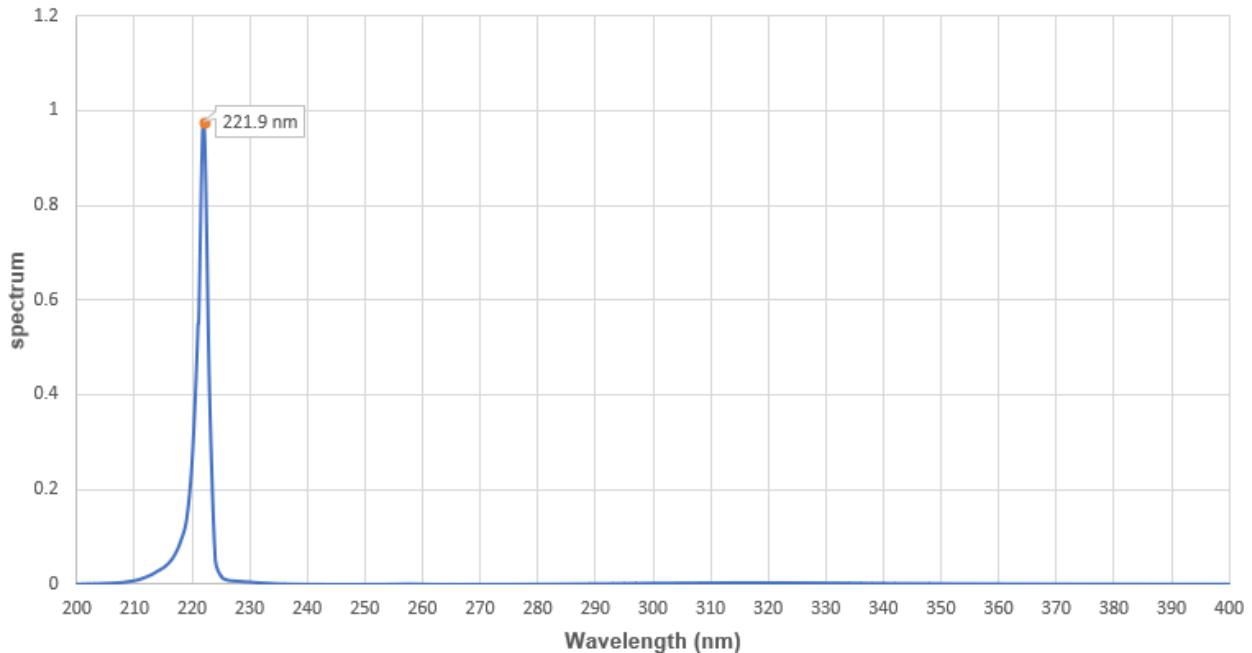
The ambient temperature during measurements was  $25^{\circ}\text{C}\pm 1^{\circ}\text{C}$ , humidity  $58\pm 3\%$

The spectral irradiance was measured by UV spectroradiometer (EVERFINE HAAS-2000) with the range of 200 to 400 nm.

### 2. Test Results:

Total spectral irradiance at 0 cm, 25 cm & 50 cm:

Measurement distance centered on the sample (cm)	Total spectral irradiance 200-400 nm ( $\mu\text{W}/\text{cm}^2$ )
0	Max. 1694.6
25	Max. 37.25
50	Max. 12.36



SGS-CTC Standards Technical Services Co., Ltd.  
Guangzhou Branch EEC Laboratory

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**ANNEX 1: Photo documentation**

Details of: The general view



--- End of Report ---

