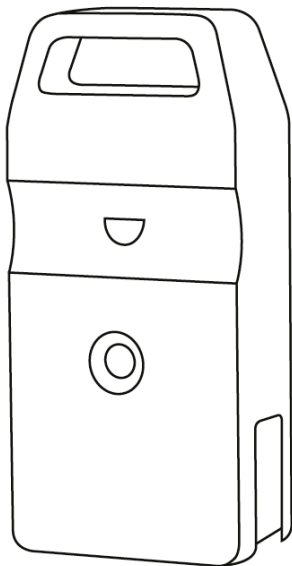# Instruction Manual

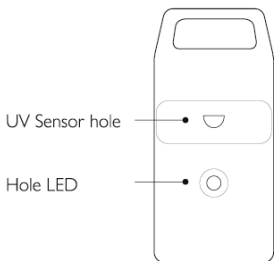## UV-A LAMP TESTER

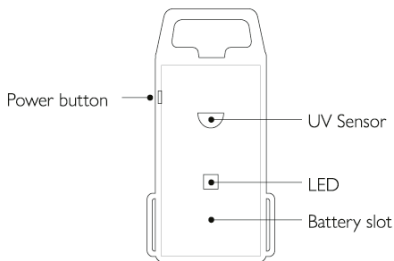**English**

ALCOCHEM HYGIENE

Overview UV-A lamp tester

UV Sensor hole

Hole LED

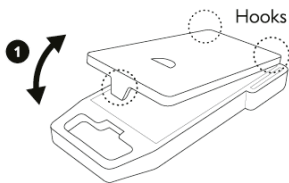Silicon bumper case

Power button

UV Sensor

LED
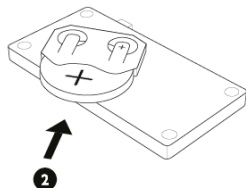
Battery slot

BT UV-A tester

First use – battery insert and install bumper case:

Hooks

1

1 Open the plastic case of the UV-tester by gently bending open the two hooks. Use a paperclip or a screwdriver for this.
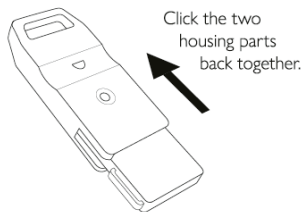
Once the two hooks are released, open the housing of the UV tester.

2

* Warning: Avoid making contact with the components or the electronic circuit of the board, this to avoid damage.

2 **Take out the PCB board.***
Insert the CR2032 battery into the battery case on the back of the PCB board. Make sure that the + mark of the battery is on the top.

Place the PCB board back into the housing, ensuring that the 3 spacers in the housing align with the 3 holes in the PCB board.

Click the two housing parts back together.

3 Activate the power button, the blue LED will now turn on. Insert the UV tester into the silicone bumper, ensuring the LED is correctly positioned against the round LED hole in the bumper case.

You can now start using the UV tester or switch the Power off

Instructions of use

Power on ⏻
Make sure that a battery is in place. Press the power button shortly, the blue LED lights up to indicate that the power is on.

LED indicator ♀
The blue LED indicates the power on status of the UV tester and that the Bluetooth connection is active.

For product protection and power management the UV tester is switched of automatically after 15 minutes.

Power Off ⏻
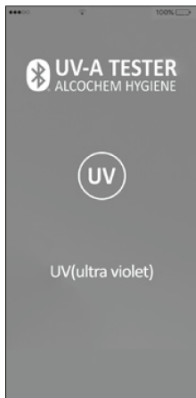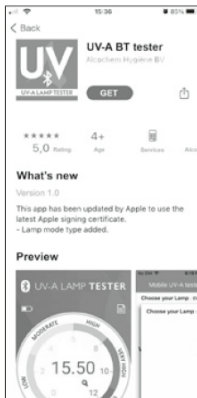Keep the power button pressed till the blue LED switches off

Battery replacement ☉
The product uses a battery, type CR2032. If the UV tester can not Power on, than replace the battery.

Note that the battery status of the UV tester is shown in the App

Installing the APP on your smart phone *(Android or Apple)*

Go to the App store
(Play store or Apple store)

Search for:
"UV-A tester BT" or
"Alcochem Hygiene"

Download:
"UV-A tester BT"
Install the App on your smart phone.

Operating the App

1. Switch the UV-tester on, the **blue LED** is now active
2. Open the **App UV-A tester BT**
3. In the screen **FIND DEVICES**, press the button: **SEARCH**
4. Select the device, which now is shown in the screen,
   by pressing the button: **SELECT**
5. You have now made a connection between
   the UV-A tester and your smart phone

Operating the UV-A tester menu

⏻ Start / Stop a UV measurement

📷 Saves the current screen as a screenshot.

MAX Display max value.

SAVE Saves the current measured values for listing.

🔋 Displays the battery status of the
connected UV-A tester.

☰ Displays a list of saved values and a menu
of additional functions.

D-T8 ▾ Lamp drop-down menu shows a wide
selection of UV-A lamps

Note: *App screens and functions may change from time to time to improve performance
and may not match the contents of the manual.*

Procedure: Taking a fast UV-A reading from a UV-A lamp. *(Not suitable for UV LED lamps)*

1. Open up the lamp drop down menu and select the correct lamp type.
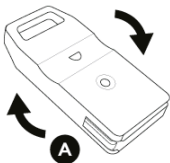
2. Press the UV-A tester onto the middle of the lamp on the surface.
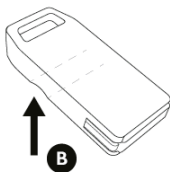
3. The UV-A sensor is centred in the notch of the bumper. This notch needs to be aligned with the surface of the lamp.

4. Check the UV output of the lamp.

Procedure: Taking a balanced UV-A reading from a UV-A lamp.

1. Open up the lamp drop down menu and select the correct lamp type.

2. Press the Button: MAX

3. Position the UV-A tester onto the lamp surface on one side.

4. Make sure that the notch of the UV-A sensor is aligned with the lamp surface.

5. Swipe the UV-A tester alongside the lamp surface and gently move it to the other side of the lamp.

6. The maximum UV-A output is now shown in the display.
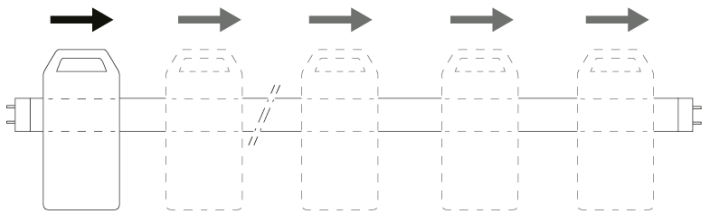
Note: *For statistical correct measurements it is recommended always to use the balanced UV-A reading procedure.*

Specification UV-A lamp tester BT

Model	:	UV-A lamp tester BT
Suitable for	:	Measuring UV-A lamps *(lamp types as shown in the App)*
Interface	:	Bluetooth 4.2 BLE (Bluetooth Low Energy)
UV-A measuring range	:	310-400 nm
Accuracy	:	+/- 20 %
Battery	:	CR2032 Button cell
Size	:	40 x 80 x 17 mm
Weight (incl. bumper)	:	38 gram
Supported smartphones	:	Android 4.2 or higher, iOS 8.0 or higher
Supported Bluetooth	:	4.0 or higher
Material bumper	:	Silicone
Approval	:	CE approved
Protection level	:	IP20
Storage temperature	:	5-60 °C
Guarantee	:	1 year return to base on electrical failures

Note: *App screens and functions may change over time, this to improve the performance and useability of the App.*

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Para obtener más información, consulte

www.insect-trap.net