

## The Yehuda Detector user manual

The Yehuda detector detects **lab grown Diamonds** – loose diamonds, mounted in Jewelry and in large parcels. It detects both **CVD and HPHT** lab grown diamonds.

This detector will detect and mark **lab grown diamonds in the white (D- K) color family**.

The detector checks only natural and lab grown diamonds.

It is the responsibility of the user to check diamonds only.

Do not try to check CZ, Moissanite or any other gem stones.

This detector is not intended for detecting low color and fancy color lab grown diamonds.

The diamonds can be tested loose, in a thin plastic bag or mounted.

They cannot be tested if covered by a thick plastic or glass!!!!!!

We strongly recommend that you visit our website [www.yehuda.com](http://www.yehuda.com) and watch the video of how to work with the detector.

On our website you will also find this user manual for future reference.

### Overview:

The detector uses a cellular phone.

The only use of this phone is to work with the detector. Please do not try to use this phone for any other use.

At any time, if the phone freezes – please restart the phone.

Restarting the phone is done by pressing the ON/OFF button (left side of the detector) for a few seconds until the **RESTART** icon appears. If this action does not work, then press the ON/OFF button (left side of the detector) and the Volume button (right side of the detector) simultaneously for 10 seconds.

If at any time you receive the following message:

“Application is requesting permission to turn on Bluetooth. Allow?”,  
press the “yes” answer

.

The detector bears a full 1 year full warranty under normal use.

Using or trying to use the phone for any other purpose will result in  
Loss of the warranty and we will not repair the detector.

Opening the screws or trying to open the detector body will also result  
in warranty loss and refusal to fix the detector.

It does not cover water damages, being hit, dropped or any non-  
regular use.

The warranty will also not be applicable, if there was an attempt to  
open the detector box as it is protected with stickers that will be torn  
if the detector is opened.

### **Parts:**

Inside the box you will find the following.

The Sherlock Holmes Detector

An international charger.

A tray.

A ring holder.

1 grown diamond in a bag.

### **Operation:**

The charger can work at any Voltage environment (100V-240V) but  
you need to connect the correct nozzle.

First press the ON/OFF button at the **back** of the detector.

The green LED at the back should light up to indicate that the detector  
is ON. Then press the cell phone ON/OFF button on the left **side** of the  
phone.

If the back button is not pressed – the phone will indicate that it  
cannot connect to the Bluetooth. Please make sure you can see the  
green light at the back of the detector.

At the end of the day please shut off the detector at the back. There is no need to shut off the phone.

When the phone starts – it will show an upside down home screen. Please slide your finger on the screen and the screen will flip. Press “YES” to allow the Bluetooth to connect.

On the home screen you will only see 3 or 4 icons. The 4<sup>th</sup> icon will appear every 7 days.

1. History
2. Test
3. Settings. (Please do not try using the settings. It is password protected and for our technician use only.)
4. Red clock (**Every 7 days a red clock icon will appear**)

If the **red clock** appears on the screen - **press the icon** and insert the bag with the sample lab grown diamond that you have received with the detector into the drawer.

Press the EYE icon to test.

Press the LOOSE DIAMOND icon to perform a test.

The sample diamond should be marked in red.

This test shows that the detector is working correctly.

It is recommended to check the sample diamond every day.

In any event – every 7 days - the detector will remind you to do that by showing the red clock icon. When you see it - **press on it** and then perform the test on the sample.

You can use our sample diamond or any other sample that you have, that you know for a fact is an actual Lab grown diamond.

**ALWAYS MAKE SURE THAT THE DRAWER IS SHUT PROPERLY!!!!!!!**

If the drawer is not fully shut you will get a yellow warning triangle on the top right and a message:

“Warning!  
Please close the drawer!  
Ok”

Press the OK and shut the drawer. The yellow triangle may remain until you press “Test”. If the drawer is shut, the next time you press the “Test” button it will disappear. If the drawer is not fully shut, you will get the message again.

If you are sure that the drawer is fully shut but keep getting the Message. And you get another message "Connection to the device is lost", make sure that the detector is on and the green light at the back is on, [go to the home screen](#) and the Bluetooth will reconnect again.

Then try the test.

Now you can start performing tests with the detector.

You can test mounted diamond jewelry, loose diamonds and loose diamonds in a plastic bag.

**DO NOT TEST DIAMONDS IN A PLASTIC BOX (THE BLUE BOX) OR COVERED WITH A THICK PLASTIC OR GLASS. If you test diamonds in a plastic bag- make sure it is thin and clean.**

The best way to test loose diamonds is uncovered in a tray or on the glass base.

It is usually ok to test them in a plastic bag if the bag is very thin and clean.

In any event – the detector detects only diamonds that it can SEE from the top. If a diamond is covered by another diamond - it will not be tested.

The same goes for jewelry - only diamonds facing the top camera will be tested.

If you test a ring or any other jewelry make sure to test it a few times from all angles.

Insert the specimen into the center of the drawer above the glass square.

You can tap on the screen in order to see the specimen on the screen.

When inserting jewelry into the drawer you need to press the RING icon in order to perform the test.

When inserting loose diamonds into the drawer – you need to press the LOOSE DIAMOND icon in order to perform the test.

When you test jewelry the detector is set to be more sensitive.

This is the reason that you may see small red dots around the jewelry. Please ignore them.

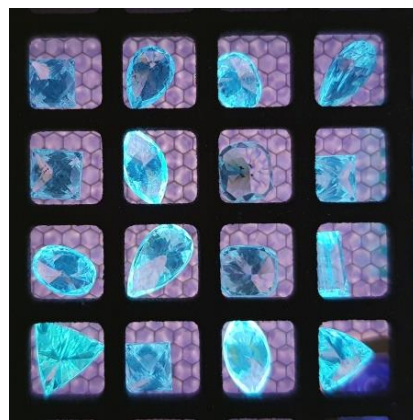
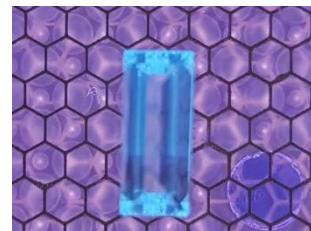
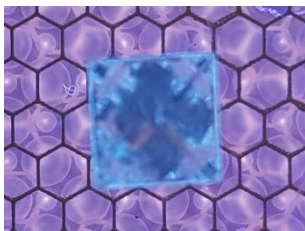
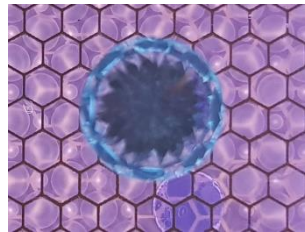
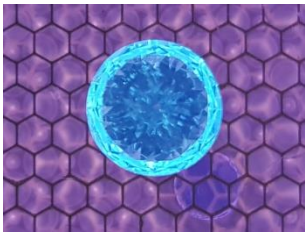
When you get the result of either mode (loose or jewelry) you can see a picture of the tested diamonds/jewelry.

In order to know if a diamond is natural or lab grown please follow these rules:

**Natural diamonds results:**

Any diamond that shines **ONLY blue or light blue colors** without any red marking **is a natural diamond!** (Any shade of blue)

All the following are examples of NATURAL DIAMONDS



If the diamond shows **anything else** – it is a laboratory grown diamond. It is either CVD or HPHT grown.

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**There are a few different results that you may see – all will be Lab Grown Diamonds: -**

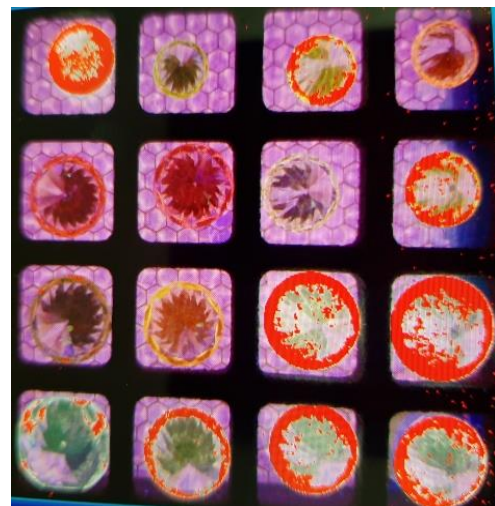
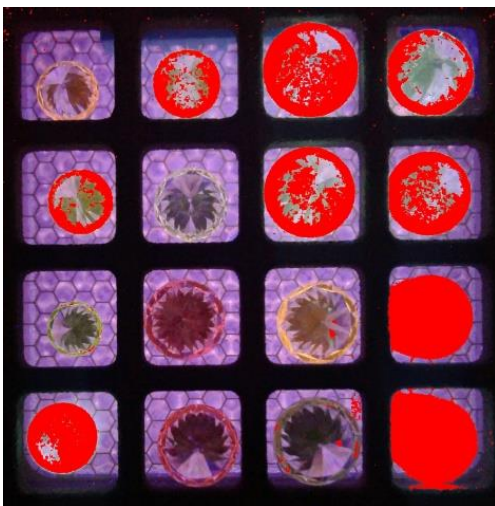
1. The diamond is fully marked in **RED**. (CVD OR HPHT)
2. The diamond shines in any color (INCLUDING blue) AND is **partially** marked in **RED**. (CVD)
3. The diamond shines in **any color but blue**.

It can be **YELLOW**, **GREEN**, **RED**, **ORANGE** **PURPLE**( CVD)

Pay attention: If the diamond shines in blue **AND** there is a red marking - the stone is CVD.

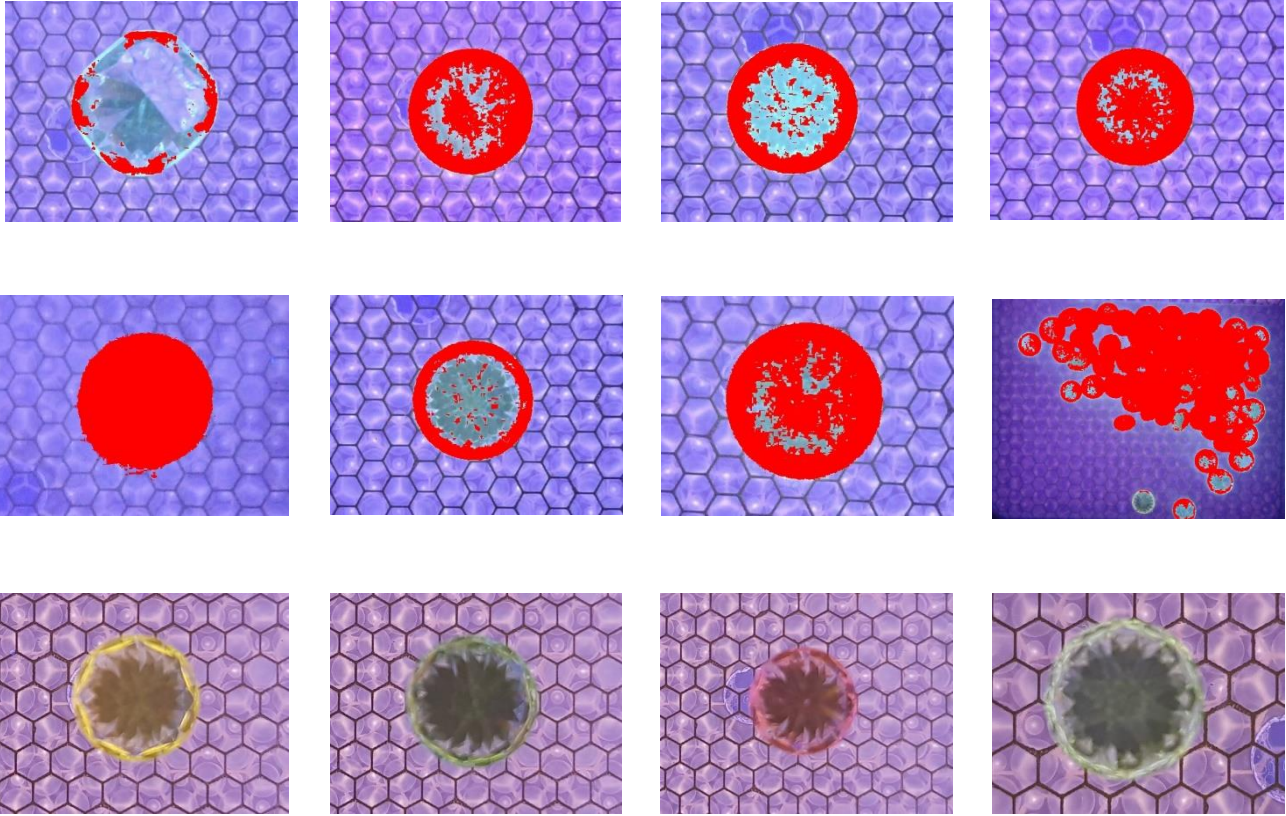
**Examples of results of lab grown diamonds**

They are either marked in **red** or shine in a **NON BLUE** color.



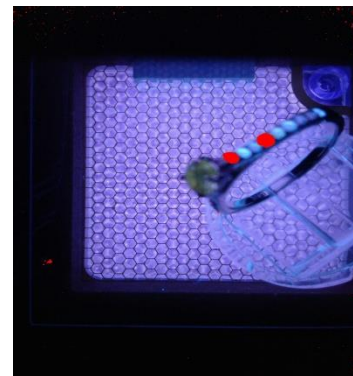


## More Examples of results of lab grown diamonds



The center stone and the red marked stones are lab grown diamonds.

The blue stones are Natural diamonds





At the end of the test you can see the results and you can see the different modes by pressing the headers of the screen.

"Results"- At the end of the test you will see the results of the test. If you have pressed any other header - press the "result" again to go back to see the result of the test.

"Original picture" - Press "ORIGINAL PICTURE" to see the original picture without any markings.

"Glowing picture" - Press "GLOWING PICTURE" to see the diamonds glow in the dark.

"Colored picture"- Press "COLORED PICTURE" to see the diamonds shine.

You can go back and forth between the 4 positions.

At the end of the test you can save the results by pressing the MEMORY CARD icon.

You can press the HOME button to go back to the main screen in order to see the saved results.

To see the saved results press the HISTORY icon in the main home screen. The pictures are stored in the order they were taken.

Use the arrows to go back and forth between the saved pictures, or slide the top bar with your finger.

Press the "i" icon and you will get a split screen.

Now you can see all different modes.

You can tap twice on the big picture and enlarge the results.

Sliding your finger on the screen enables you to move the picture.

You cannot send pictures from the detector.

If you wish to send pictures please use your own cell phone and take a picture from the screen. If the memory is full or whenever you wish, you can delete a picture by pressing DELETE.

Please make sure to delete older pictures as the memory card is limited.

## **Troubleshooting:**

Most of the problems arise from the phone itself.

1. **For any problem** – First make sure that the electric cord is fully inserted and screwed into the back of the detector and the green LED light at the back is ON.
2. **The screen goes black** – press lightly on the ON/OFF button of the phone and swipe the screen.
3. **The time appears on the screen with “how is the weather”** – swipe the screen **from bottom** to top.
4. **The phone freezes**- press the ON/OFF button and hold for 10 seconds, and restart the phone.
5. **The phone freezes and pressing the ON/OFF button does not help**- Press the ON/OFF button and the VOLUME button on the other side at the same time for 10 seconds.  
**The phone will restart.**
6. **The detector keeps showing the "close the drawer" message, even though the drawer is closed**- Make sure the green light at the back is on. Press the HOME button.

The detector will reconnect to the Bluetooth and you can

continue to work.