

# FARM LIFE

**Underground Water Detector**



**GERMAN INDUSTRY**  
**WWW.GERDETECT.COM**



### Critical Warning

...

Please be sure that all precautions taken against risks

Do not use your device while it is raining or on extremely wet floor

You have to be sure you are connecting the electric cables correctly

You have to use the tall probes and you have to install it under the ground more 50 CM.

And don't install the probes into the rocks.

Turn on your device after you make sure that all parts are in place

Make sure that the device battery is fully charged before searching

If the battery start to give a peep sound, close the device and recharge the battery

Do not start the pulse induction system without connecting the coil cable to the device, other ways the device will stop in the middle of opening

It is recommended to read the user manual before start working on the device to understand everything and to avoid mistakes doing the search

After the device start make sound and turn off automatically put the battery on charge and do not try to start the device without charging the battery

About the fresh result long range system when the green light in the charger that is mean the charge is full.

And about the geophysical system when the green light in the device that is mean the charge is full.

# FARM LIFE

## WATER DETECTOR



## Overview

- Dear customer, thank you for choosing FRAM LIFE. This product enables you to detect the presence of underground water.
- FRAM LIFE product is based on resistance principle. It measures the resistance between surface electrodes placed on surface of the region predicted to have water. It compares the measured values with the highest background values and makes analysis.

Be aware of high voltage resources, and do not use any charger other than the original charger that come with the device

Main unit of the device is under warranty against all electronic breakdowns for two (2) years

Any damages caused by user errors (laying open the main unit, hits, harms etc.) are not within this warranty

Battery and antenna are also not within this warranty

You should follow the instructions in this user manual strictly to minimize the faults and to use your device correctly

**Warning:** When we send the device to the customer, we release the battery cables because the international shipping laws, so you have to connect the battery cable into the geophysical device.

### 1

### Geophysical system

#### First: plant probes, installation of cables

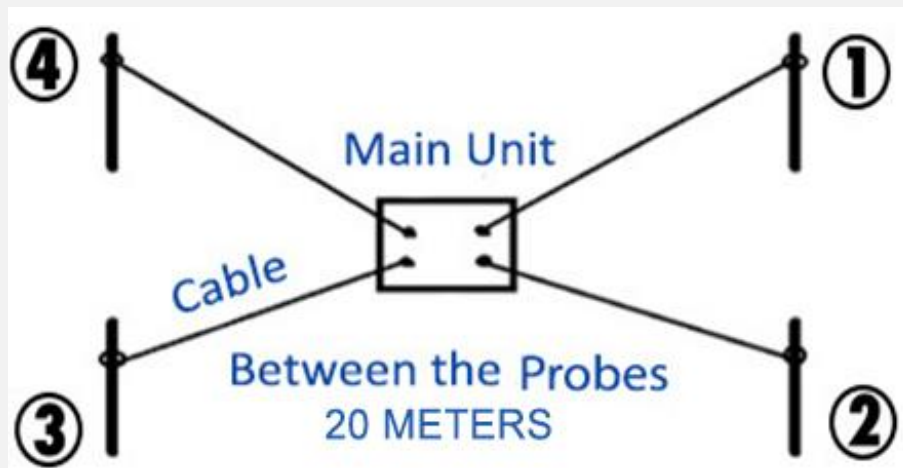
Implant the probes in the soil even **85%** minimum of the length of the probes

- To get an accurate result the distance between the sensors should be 20 meters at the start of the search.

-When you do a search if the device given results no water, for example: (probes between 1 and 2, then we must bring probes 1 and 2 toward probes 3 and 4, a distance of one meter and re-search process)

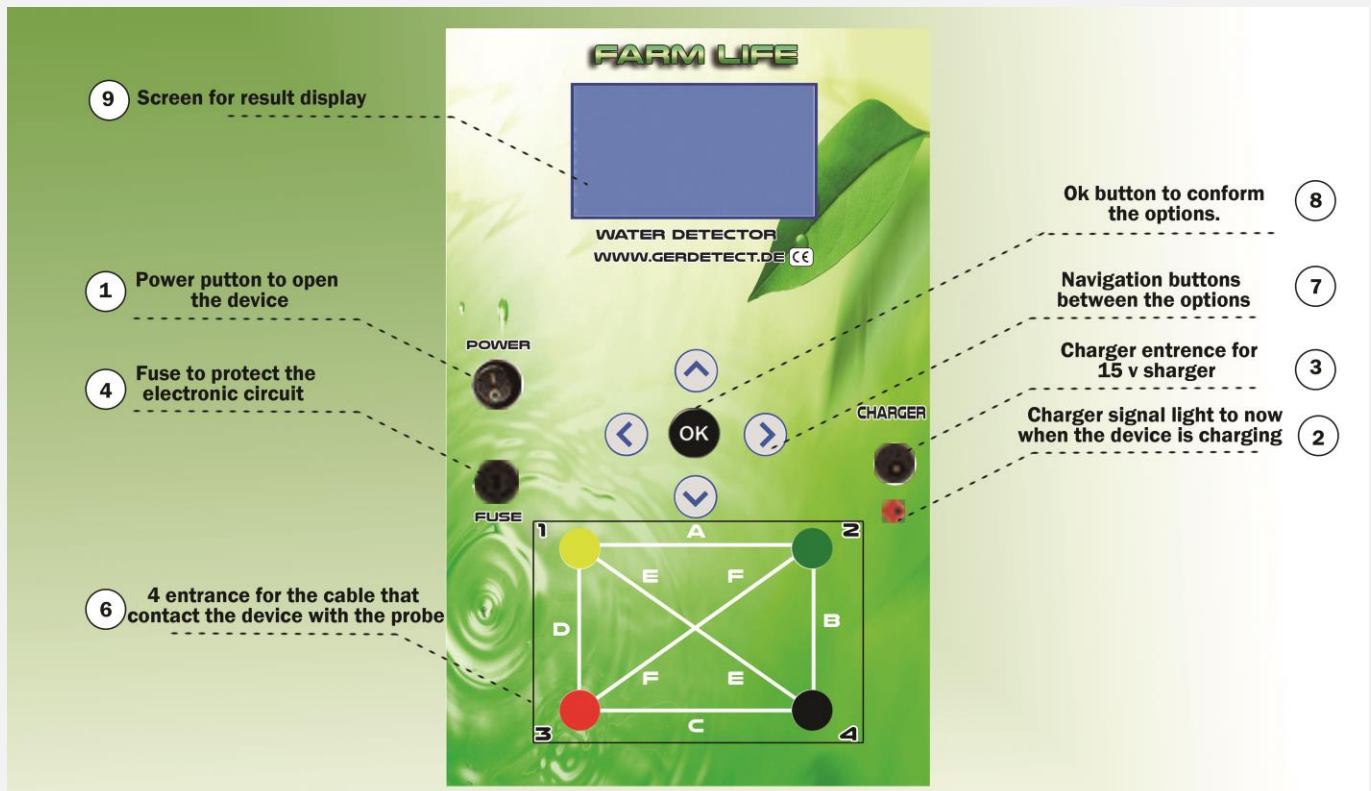
-At the beginning of the search connect the cable between the probes and the main unit of the device and make sure the plug correctly as shown in the following picture

Also, make the distance between the 4 probes equal



### The main unite and the operation steps

- 1- Power putton to open the device.
- 2- Charger signal light to now when the device is charging.
- 3- Charger entrence for 15 v sharger.
- 4- Fuse to protect the electronic circuit.
- 6- 4 entrance for the cable that contact the device with the probe.
- 7- Navigation buttons between the options.
- 8- Ok button to conform the options.
- 9- Screen for result display.



**Second:** please turn on the device and wait for a period of not more than 5 seconds until the device initiates a action and show the working language of the device:

The device works on 3 languages, namely:

English. French. Arabic

In addition, you can choose the appropriate language search by navigating up and down keys

After selecting, the language you want to work on the device will take you directly to the main menu, which contains

**Start Search:** through which the device will begin a search for water

Between the probes and show a report, that contains the results automatically.

**Settings:** we are through the settings determine the type of soil in which to search and determine the distance between the probes and determine the lighting of the screen and the background color in order to facilitate the search process and the vision clearly in bright sunshine

After selecting the settings, we return to the previous menu, by pressing the OK key in order to confirm the settings that we chose them before.

Start the search by clicking on the choice start scan, which will make the device search between the four probes. This process takes a maximum of 3 minutes



Picture (1)



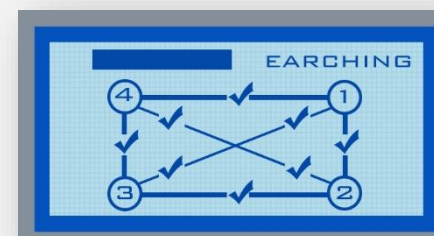
Picture (2)



Picture (3)



Picture (4)



Picture (5)

Since the device is searching among the four sensors in 6 different way to gather all information.

**When the search process end the device will show you the results as follows:**

1 – In the event of water under all probes you will see report on the device will appear from which you can learn the whereabouts of water And the type of water as shown in the picture



→ LINE	A	FRESH WATER
LINE	B	FRESH WATER
LINE	C	SALTY WATER
LINE	D	SALTY WATER
LINE	E	NORMAL WATER
LINE	F	NORMAL WATER

OK FOR MORE

B:99

In addition, for more details. You will press the **OK** button to know the density of the water and salinity and water depth as shown in the following photo



WATER DENSITY	90 %
WATER SALINTY	29 %
DEPTH BETWEEN	350 400

B:99

Note: When the water percentage is less than 50% that means small amount of water, and when the percentage is between 50–70% is a good amount of water, and when the percentage is between 80–100% that means the water amount be huge

## Important information

- ✓ If you give the device a "not connected" Please make sure probes is completely implanted and connected the cables correctly.
- ✓ If the device give you x in the search this x mean tow thing
- ✓ 1- Could be the cable not connect correctly.
- ✓ 2- could be the device had detect very salty water
- ✓ The difference that appears in the depth of the water (such as 80 > > 154) represents the depth underground water.
- ✓ If using another battery charger, preferably 12 to 15 v no more and no less, that the value of amps (2) and if you use a charger amp more will be the battery faster but will have less battery life.
- ✓ Probe is then limited to a distance of 5 m between the sensors in case of find of water.
- ✓ If the distance between the probe 20 m you have to adjust the distance from the sitting
- ✓ If the device give you on the screen few data about the depth
- ✓ You have to research in the seam place to have the depth
- ✓ If the density of the water from 0% to 50 % that is means the water in small quantity in this area / 50 to 60 % = medium quantity / 70 to 80 % = good quantity / 80 to 100 % = huge quantity.
- ✓ When the device gives you the salty water are salty and when it gives you a fresh water with simple percentage salinity , this is the normal situation. All kinds of water containing salinity
- ✓ For salinity: the percentage of salinity is 10,000 parts per million **Example** (40% means 4000 parts per million and 100% is 10,000 parts per million means that the water is salty and invalid) The percentage make the conclusion of salinity easy.
- ✓ When you see the depth in the results, for example: (110-130 meters) and you re-experience and the depth appear, for example, (120-160 meters) or (40-170 meters) that is mean there is more than a water channel under the ground (there are several Water channels with different depths at the same place
- ✓ if you made several experiments in the same place and the depth was similar in all the experiments that is mean there is a water basin and not stream water

### Important NOTE

If you want to confirm the target once again in the same place, you must take off the floor probes and change the place of the probe to other place at least one meter

To remove accumulation of charge as a result of the passage of the stream

To decompose water into oxygen and atomic+ hydrogen through the search process.

**You should avoid using the machine during rain and must wait for 15 days at least after the rain stopped until the soil dry out then you can use the device**



### Important NOTE

- Suppose the existence of drilled water wells in your area and work well and starting at depths of 70 meters or 90, 100 or 120, 140, 160, 170 meters etc. .... this is not conclusive evidence of existence of water only on these depths. It could be at great depths.

*-Example:* If it is proved you through the search process device that the depth of this places from 200 to 240 meters this indicates the existence of water is truly at these depths.

-As for the drilled wells and works depths less than 200 meters with very short life, so must re-restored and drilling to the depth that the device showed.



If you want the device work well without errors you have to follow next steps

When using the device please do not wear the watch



When using the device please do not wear the jewelry



When using the device please get away from metal, lighter and mobile phone



Please take off the belt



The shoes should not contain any metal



Stay away from the car



Stay away from electrical ground power lines or any surfacing electric



Thanks for choosing our products



We wish you the best of luck in your searching