

AKA

metal detector





UNIQUE TECHNOLOGIES

We invite distributors, dealers, sales representatives.

AKAMD together with HEPA-S offers you innovative solutions in the field of search and search activities and means of counteracting technical intelligence.

All our products are unique and have no analogues in the world market.

There are more than 30 patents in the Russian Federation and abroad.

-PROFESSIONAL METAL DETECTORS-



«INTRONIK STF»

(Two frequencies simultaneously!)

* You can leave a preliminary reservation*

Metal detector Intronik STF is a modern technology designed to search for metal at an a consid-erable depth. Stylish appearance and the ability to search for required items despite obstacles make this device an excellent choice only for a professional.

Specifications:

Length: 560 mm (disassembled) -1430 mm (assembled)

- Weight: 1930 grams with lithium batteries.
- Operating frequencies: Two frequencies simultaneously. Frequency pair depends on mounted sensor.

Standard options: 1.7kHz – 14kHz ; 5kHz – 40kHz.

- Batteries: 6 pcs. AA elements 1.5v, or AA AKB. Possible performance at 2 pcs. Lithium cells 18650 3.7v
- Average battery life 2600mAh AA AKB 8-10 hours.
- Indication: Sound indication / Graphic display
- Coils: Removable. Standard sizes: 10x6” ; 12x9” ; 13” ; 15” ; 18”
- Language menu Ru | En

Particular qualities:

- High detection sensitivity: large and small metal objects are detected in any type of soil includ-ing saline soil.
- Patented ground offset method “Soil compensation”. It allows to work at any type of soil (even if it is highly mineralized). Unlike devices with offset “Ground balance” to save the depth of de-tection in the ground, close to target distance by air.

It can work at two frequencies at once and also at each frequency individually. Increasing sensi-tivity to sepa-rate groups of targets in simple ground conditions.

- High degree of visualization of the properties of the detected target for each of the frequencies individually and cumulative value at the same time. It can be digital and graphic. It allows to de-termine calibrated search targets with known properties to the operator exactly. And also to de-fine properties of unknown target be-fore removing it from the ground with high probability.
- Detection depth: exceeds all devices with metal indentification which exists in the market presently.
- Universalism of Intronik STF: It is able to detect both small and large objects. And also it can work at tasks

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of searching deep treasures (to detect large metal objects under surface litter). It fits for military searching.

- Replaceable sensors of various sizes and frequency characteristics. It allows to solve various searching problems as efficiently as possible, from searching low signal small objects to deep searching large metal objects including objects which are under surface litter.

Included in kit:

1. Metal detector Intronik STF
2. A packing bag for a detachable electronic unit of the metal detector.
3. Search coil 12x9
4. Wired headphones (optional wireless headphones available)
5. Charging device



«SIGNUM GT»

(Increased sensitivity!)

The manufacturer of metal detectors, AKA company and the repair and maintenance service centers of metal detectors are located only in Russia. For export, we have developed a more reliable metal detector, specifically for sale to the foreign market.

On the basis of the “Classic version”, our specialists released a specially upgraded Signum 7272M GT. This is a more reliable model of the metal detector, with an improved component base. Additional protection against dust and moisture is installed.



As a result, we get the following possibilities:

1. Increase of instrument sensitivity
2. Better heard quiet sounds.
3. Higher efficiency on hard ground.
4. Work on a place heavily littered with large iron without losing small targets.
5. Wider setting range through using current switch and analog controller.
6. More resistant to mechanical damage iron rod.



DEEP PROGRAM

SIGNUM and INTRONIK models can work both as a conventional soil metal detector and as a depth searcher!



«SIGNUM ICB»

(Improved component base.)

The manufacturer of metal detectors, the AKA company and the service center of metal detectors are located only in Russia. Produces Signum 7272M.

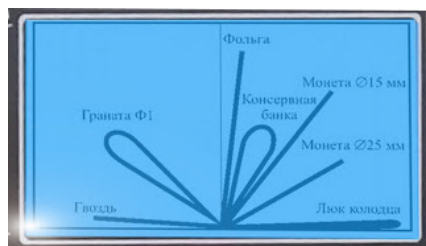
On its basis, our specialists released a specially upgraded Signum 7272M ICB (Improved Component Base) device. Only for sale on the foreign market.

This is a more reliable model of the metal detector, with an improved component base. Installed additional protection against dust and moisture.



Differences from Signum 7272M GT:

1. Waiver of the regulator and switch to simplify settings and increase reliability.
2. Own element base.
3. Enhanced protection against dust and moisture.



HODOGRAPH -

All metal detectors have a unique metal identification system!



«SIGNUM Classik»

MFD Signum is a device that was released in late 2015. In place of the standard 4 “Turbo” program, this device now has a deep firmware.

Deep firmware allows the device to work more correctly at a great depth, while cutting off small debris on the surface. This firmware will be useful for those who are searching for treasures and military items.

Characteristics of deep firmware MFD Signum

Work only in HD or HD-V search modes

When working with deep firmware, you should use a search coil larger than the diameter and search while holding it 0.5 m from the ground.

Filter T-Has high search results.

Filter A-Has low search results.

Remember! This firmware slightly increases the search depth, and the main goal of the development is to remove small debris from the surface from visibility.

-SEMI-PROFESSIONAL METAL DETECTORS-



«Sorex PRO»

The AKA Sorex PRO metal detector is a multi-frequency device that has fairly simple controls and a variety of functions. The detector has a wide range of multi-sized sensors. It works on the principle of an induction compensated converter, equipped with a modern hardware-software interface.

It operates on a two-channel scheme. The first one is the detection channel. It transmits a signal in real time. The second one is an identification channel that delivers short and different-frequency signals during the passage of a special sensor over a detected object.

Signal processing is carried out according to three independent algorithms:

MSF

GA (metal garbage)

SSF

In this model, manufacturers were able to modernize the soil balancing system. A hodograph is provided. A large modern German-made display is installed.



«Berkut 5»

Among all Russian metal detectors, the Berkut 5 model is one of the most reliable and universal. In comparison with its precursor, this version has an increased display size, which is almost double the previous version. There is a unique programmable button of installing functions. It can be configured for one of certain features that will be activated after clicking on this button. There is an independent adjustment of noises and volume. A universal headphone jack is provided.

This model represents unlimited opportunities, which can be used under any search conditions and all work with the metal detector. Software installation is available via a special USB cable.



«Condor 3M»

The AKA Condor-3M metal detector is one of the initial devices in the AKA product line.

The Condor-3M metal detector uses AKA proprietary technologies in its work, but its search depth is modest.

Further development of this line of metal detectors is the Condor 7252M, which has a greater search depth and greater functionality.

AKA Condor-3M features

- algorithm of “spatial-harmonic filtering (SFT)”
- operating frequency 7 kHz
- hodograph - proprietary technology for visual display of the target
- soil balance (automatic and manual)

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- 2 search modes: dynamic and static
- Pinpoint mode



«Condor 7252M»

This metal detector model is known to all skilled treasure hunters. But, despite the fact that it is quite old, still thanks to its advantages it remains popular until now. There is an exceptional adjustment of the device for certain search conditions.

The Condor 7252M model is perfect for those who like to control the whole process. It searches and identifies small objects well, has excellent indicators of search depth. It operates on a single frequency (7 kHz). The maximum search depth is 2.5 m. The model is equipped with reliable fasteners, has a small but high-quality display. Perfect for both beginners and professionals who are used to stay faithful to their traditions. There is a headphone jack and a battery charge indicator.



«Pilgrim» 7247»

Modification of the analog metal detector “Pilgrim” 7247 is designed to be used by beginner treasure hunters. At maximum sensitivity settings, this model is able to detect an old coin with a diameter of 2.5 centimeters, located at a depth of 400 millimeters from the ground surface. The signal from larger metal products can be supplied when lying at a depth of up to 200 centimeters

Battery life reaches ten hours. There is a DISCRIM function, upon activation of which there will be no signal when detecting foil, small iron objects - nails, pieces of wire, etc.

-HANDHEID SEARCH METAL DETECTORS-



«Uniskan 7215 M»

(This system distinguishes non-ferrous and black metals!)

The Uniskan 7215 M security metal detector distinguishes between non-ferrous and ferrous metals in the search process, which makes it possible to clearly limit the range of items searched. Buying a device, you get universal equipment for personal inspection and search for metal objects of any size. Thanks to the advanced functionality, you can configure the device to search for large or small objects. The ability to distinguish between ferrous and non-ferrous metals is the main advantage of the equipment compared to competitors.

Maximum detection range of metal objects:

7,62 mm caliber bullet - 5..8 cm

Ø25x1 mm brass disc - 15 cm

“Makarov” pistol - 25 cm

Manhole opening - 80 cm





«BOOKLET MD»

(Non-linear locator and metal detector!)

- Radiated power <1Вт
- Pulse and continuous operation
- Radiated frequency 2,4 ГГц
- II harmonic response analysis
- Ability to tune the frequency of the emitted signal
- SIM card discovery
- Metal detection capability

Able to detect both non-linear components and metals.



NON LINEAR LOCATION DETECTORS-



«LUX»

- radiated power 18 т
- pulsed operation
- radiated frequency 915 MHz
- 2nd and 3rd harmonic response analysis
- the ability to tune the frequency of the emitted signal
- ambient temperature 5 to 40 C



«BUCLET-2»

“Booklet-2“ is a small-sized search device designed for detection of electronic components, both active and passive, camouflaged in various environments. Booklet 2 provides transceiver detection equipment and electronic devices, including SIM cards, cell phones, voice recorders, etc.





Detection range is from 10 cm to several meters
(it depends on the type of device being detected)
Indication of identified electronic devices is provided
through an LED indicator located on the device's case,
or through connected headphones.

“Booklet 2” is different in:

High quality demodulation of the received signal;
Revolutionary design, small size and weight;
High ergonomics, instant readiness for work;
Possibility of use as an inspection device.

-ACOUSTIC SAFES-

**NOISE GENERATOR -
reliable protection for phones and voice recorders from wiretapping!**

Different models (1 to 22 cells)

Passive electromagnetic protection prevents any radio communication over cellular channels;
A shielded case suppresses electromagnetic radiation, as a result of which mobile phones located inside the
product cannot communicate with base stations;
Ultrasonic and acoustic noise generators mask the speech signal, making it illegible.



«COCONAII»

It provides protection against remote acoustic access by delivering masking speech interference
The interference starts automatically when a speech signal appears (acoustic start)
silent operation



«COCON 1Y»

silent operation
processor energy sensor
Wi-Fi and BT lock

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«COCON IF5»

Acoustic safe for iphone 5, III (+) generation .

- High comfort of use
- Pink noise
- Lock bluetooth
- Threat selection
- Light mode
- CPU energy sensor



«COCON DS»

Acoustic safe for smartphones, III (+) generation.

- High comfort in use
- Pink noise
- Lock bluetooth
- Threat selection
- Light mode
- CPU energy sensor



«COCON IP»

Acoustic safe for smartphones, III (+) generation.

- High comfort in use
- Pink noise
- Lock bluetooth
- Threat selection
- Light mode
- CPU energy sensor

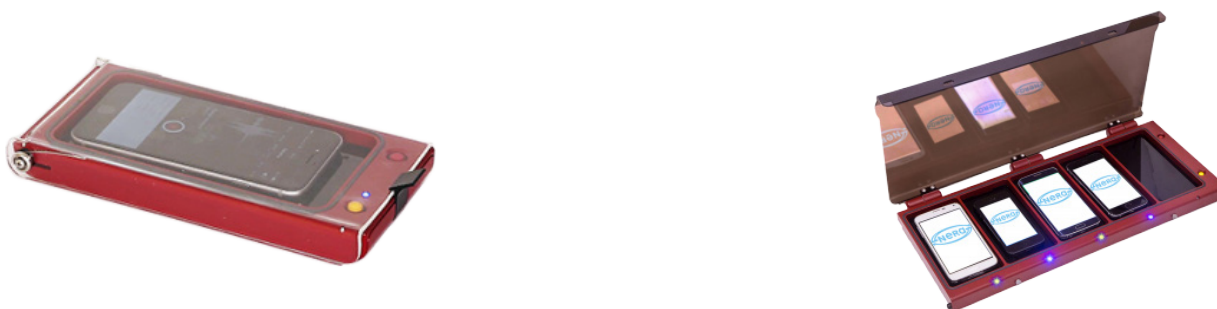
«LARETZ 1-2-3-4-5»



It is designed to protect confidential negotiations from leaks through cellular channels.

It protects a single cell phone from remote acoustic access through cellular channels of all available standards. The effectiveness of protection is achieved through circuitry solutions for the analysis of the energy state of the protected cell phone.

«LARETZ-1A-5A»



The modification is intended for the acoustic protection of smartphones with large dimensions.

Features:

- Acoustic protection
- Pink noise
- Wi-Fi and bluetooth wireless locking



«LARETZ-1AД»

3rd generation acoustic safe

- Wi-Fi and BT lock
- cell phone processor energy sensor



«LARETZ-1AД»

4th generation acoustic safe
 silent operation
 Wi-Fi and BT lock
 cell phone processor energy sensor

«LARETZ 1Y-2Y-3Y-4Y-5Y»



4th generation acoustic safe
 protection mode selection: ultrasonic or acoustic
 Wi-Fi and BT lock
 cell phone processor energy sensor

«LADYA 8Y3»



The 4th generation acoustic safe with 8 cells designed to protect against leakage of voice information, has:

Silent operation
 Wi-Fi и bluetooth wireless networks lock
 Diagnostic mode
 Light mode

«LADYA ДМ»



The 4th generation acoustic safe, designed to protect against leakage of voice information, has:

- VIP performance
- Silent operation
- Wi-Fi and bluetooth wireless networks lock
- Diagnostic mode
- Light mode



«LADYA 5AP»

Acoustic safe for 5 cells, designed to protect against leakage of voice information, has:

- Acoustic protection
- Acoustic start (generates interference to the beat of speech)



«LADYA 5Y»



Acoustic safe for 5 cells, designed to protect against leakage of voice information, has:

- Silent operation
- Wi-Fi and bluetooth wireless networks lock
- Light mode

«SKAT 5-11- 22»



The SKAT 5-11-22 product is designed to protect voice information from leakage both through the cellular communication channels of a group of mobile phones, during their unauthorized remote activation and against leakage through the speech channel, during unauthorized activation of the “voice recorder” function of mobile devices.

Features:

Low Frequency Ultrasonic Protection

Pink noise

Simultaneous protection of 5, 11 or 22 phones

Passive electromagnetic protection prevents any radio communications over cellular channels.

«SKAT 5Π-11Π- 22Π»



Shielded container for storing 5 cell phones

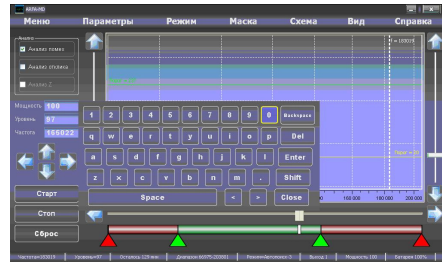
- ACOUSTIC REFLECTOMETERS-

-ARFA MD

Detection of active data pickup devices.



“ARFA” 150 | 400



The Arfa-MD product is a device for checking electronic equipment connected to wired power and communication lines for possible channels of information leakage, under the influence of a high-frequency imposition signal and the detection of active information retrieval devices.

The Arfa-MD product has 3 main operating modes:

- passive acoustic-parametric search mode sources of information leakage by RF imposition;
- search mode of active sources of information leakage;
- complex wave resistance control mode of wired line.



To simplify the survey of objects, it is possible to create and use pre-saved templates - profiles for conducting standard surveys. The concept of profile includes automatic inclusion of search modes, frequency range, settings of product parameters, threshold values, laws of frequency change when searching for acoustic-parametric modulation, and an appropriate indication of the progress of the survey task.

-PORTABLE RADIMONITORING EQUIPMENT-



“SCORPION XL6”

It differs from the “Scorpions” of the previous series by the extended up to 3000 MHz range, a convenient graphic display that allows you to display the spectrogram of the studied range.

“Spectrum Express”

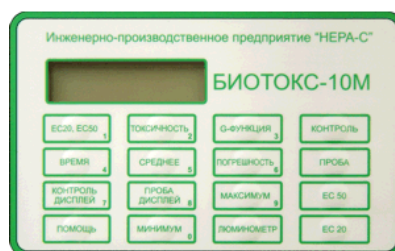


Frequency range (MHz): 10-3000-6000
 Wireline Converter Frequency Range (MHz): 0,0006-10
 IR Sensor Spectral Range (nm): 320-1100
 Panoramic view speed (at 2kHz resolution): up to 1150 MHz
 Bandwidth (MHz): 0.1-50
 Resolution (analysis mode) 0.2 kHz
 Resolution (detection mode): 2 kHz
 Sensitivity at the antenna input (μV): no worse than 2
 Digital demodulators NFM, WFM, built-in

-TECHNICAL TOXIC CONTROL-



“BIOTOX-10M”



The environmental monitoring device “Biotox-10M” is intended for rapid quantitative control of the degree of integrated toxicity samples of water and water extracts, alcohols, air, soil, and individual chemical compounds, materials, including polymers, for medical, sanitary and environmental goals. The basis of the device is based on a bioluminescent analysis.

Biotox-10M can be used for:

- Express control of waste and discharges of industrial enterprises;
- Real-time process control;
- Determination of the toxicity level of new products;
- Assessment of occupational hazards of jobs in enterprises;
- Studies of drinking water, water, soil and air for the content of harmful substances;
- Toxicity control of materials and drugs;
- Food safety control.



-SIGNAL IMITATORS-

“SHIPOVNIK”



Designed to verify the performance of devices and complexes radio monitoring used to inspect and protect allocated premises, as well as training specialists involved in leak detection information.

View all products on the website: <https://aka-md.com/>

КОНТАКТЫ

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