

## ■ METAL DETECTOR **NEW!** SPHINX VORTEX S

The metal detector SPHINX VORTEX S is the latest development that combines all the best search and performance characteristics. The highly sensitive eddy current microprocessor handheld metal detector SPHINX VORTEX S is designed for searching and detecting metal objects during personal inspection, baggage control and correspondence.



### Application

Sensitivity in this model can be considered a reference (for example, a medium-sized pistol is detected at a distance of 23 cm), to which all world manufacturers aspire, but the sensitivity without the absence of false positives is not an effective function. So in the VORTEX S model, the function of protection from a number of operating radio stations and thermal compensation is implemented, which corrects sensitivity in real time depending on the ambient temperature. The effective operating range for this model is from -37 to +70 degrees. In this case, there is the possibility of manual correction of sensitivity depending on the tasks (this function is available through the engineering mode). An example is the search for sim cards from mobile phones or the opposite solution, to concentrate search tasks on dangerous objects, a pistol, a knife.

The performance in this model is the maximum for this class of equipment, so the consumption of the device is only 3 mA, which allows without turning off, use the device for more than 100 hours, using an alkaline battery or about 400 hours from a lithium-ion battery



### Features

- Record sensitivity;
- Wide scanning area;
- Selection by object size;
- Full automatic adjustment;
- Ability to manually adjust (via engineering mode);
- High noise immunity;
- Shock-resistant plastic housing ABS;
- Automatic power off;
- Detection of all types of metals;
- Light, sound and noiseless detection indication;
- Proportional indication of battery discharge;
- Low power consumption;
- Wide operating temperature range;
- Ergonomic design.

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### Package includes

- The device;
- Instruction;
- Battery 9 (8,4) V.

### Options

- Modular charger 220V, 50Hz (European standard), with a possibility to mount it to the wall. This solution provides a charging source for the battery supplement which is included in the package, it will organize a place to store the metal detector at the object.
- Detector sheath (genuine leather).



### Specifications

Type of technology scheme	digital, microprocessor
Sensor type	<flat>
Settings	automatic and manual
Scanning mode	dynamic
Sensitivity (medium-sized pistol)	230 mm
Operating frequency	about 30kHz
Metal detection alarms	sound, light,vibro
Sensitivity control	manual (16 levels of sensitivity)
Consuming current	3 mA
Power supply	9 V
Time of continues operation (in case of using U9VL-J 9V battery type)	400 h
Automatic power supply disconnection when not in use	after 8 min.
Operation level of discharge battery indication	6,5 V
Operating temperature range	from - 37° to +70° C
Dimensions	420x80x30 mm.
Weight with a battery	0,34 kg
Complete set	on request
Warranty	24 month