

HAND-HELD SELECTIVE MICROPROCESSOR METAL DETECTOR

OVERTONE



BRIEF TECHNICAL DESCRIPTION

СИБЕЛ  **SIBEL®**

APPLICATION

The hand-held selective microprocessor metal detector «OVERTONE» is intended for detection of ferrous and non-ferrous objects in dielectric and poorly conducting mediums, in particular, during inspection of people and small objects.



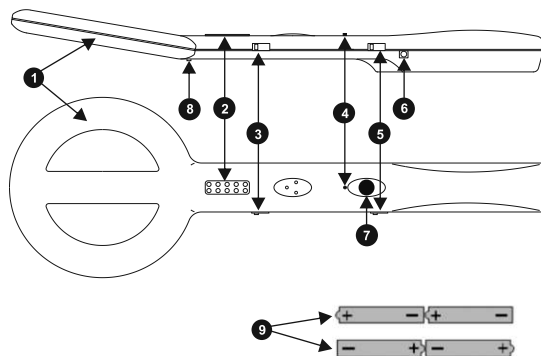
COMMON CHARACTERISTICS

«OVERTONE» is equipped with audible and visible indicators of different tones and colors to distinguish between ferrous and non-ferrous metals. Optionally, vibrosignalization may be set to ensure secrecy of indication or for operation in noisy places.

«OVERTONE» is equipped with a switch to select between 2 sensitivity levels, depending on the purpose of the search or examination.

«OVERTONE» is equipped with integrated flash-light for work in conditions of poor light.

«OVERTONE» casing is made of break-resistant plastics (ABS). Standard colors are black, gray.



1. Tranceiver at 8 kHz (13 kHz optionally)
2. LED bar indicator
3. Sensitivity level switch
4. Lighting switcher
5. Audio / vibro mode switch
6. Charger connector
7. Power switch
8. Lighting LED
9. Storage batteries (indicated according to polarity)

TECHNICAL CHARACTERISTICS

Power supply	4 standard storage or AA type elements (4,8-6 V) provide the time of continuous operation up to 20 hours at 20°C
Dimensions, not more	405 x 140 x 40 mm
Weight with batteries	369 g
Exploitation conditions	- relative humidity: up to 98 % at +25°C - atmospheric pressure: from 630 to 800 millimeters of mercury - temperature range: from -10 to +45°C

SELECTION PROPERTIES (cm)

Ferrous Metals	High, cm		Non-ferrous Metals	High, cm	
	High, cm	Low, cm		High, cm	Low, cm
Makarov pistol	30	22	Brass plate (130x80 mm)	25	17
RGD grenade	26	13	Copper disk (25x1mm)	14	7
Knife (8" blade)	20	10	Bullet (cal. 7.62 mm)	8	5
Safe razor blade	5	2	Golden ring (Ø16 mm, weight 1g)	5	3
Screw M3x7	6	2	Silver ring (Ø16 mm, weight 4 g)	5	4

COMPLETE SET includes:

1. Hand-held unit (detector) 1
2. Power supply elements (accumulators) 4
3. Operating manual 1
4. Case for transportation and storage 1
5. Charger for accumulators 1



TECHNICAL MEANS OF COUNTERACTION AGAINST TERRORISM DEVELOPMENT AND PRODUCTION

- Detecton of explosives

- detection of explosive vapors and traces
MO-2M, MO-2D, MO-2DT, GCS-02F
- non-linear location of semi-conductor components
RFD 23
- visualization of hidden components
SXR-150
- metal detection
OVERTONE, RUBIKON, MOLE

- Express detecton of drugs

- GCS-02FN

**THE DEVICES ARE ADOPTED BY
SECURITY SERVICES OF RUSSIA**

THE DEVICES ARE USED IN 50 COUNTRIES FROM 4 CONTINENTS

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