



MARCH



**PRODUCTS OF THE COMPANY
«MARCH GROUP»**

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«MARCH GROUP» COMPANY

Since 1997, «MARCH GROUP» company is the leader in producing electroshock devices. Company also manufactures other special devices ordered by following organizations:

- The Russian Ministry of Internal Affairs (The main resource of the Ministry of internal Affairs of Russia);
- The Russian National Guards;
- Federal Security Service of the Russian Federation;
- Federal Prison Service
- Federal Bailiffs Service of Russia
- FSUE «Departmental Security of Railway Transport of the Russian Federation»;
- FSUE «Departmental Security Service of Minenergo»;
- The Main Center for Special Communications;
- FSUE «Departmental Security Service of Ministry of Finance»;
- FSUE «Russian Post»;
- FSUE «Atom-Security»;
- FSUE «STC Roskosmos protection»



«MARCH GROUP» company is official licensed manufacturer, that guarantees the quality of products.

- «MARCH» is the first manufacturer of remote-contact (shooting) electroshock devices and cartridges for them in Russia;
- «MARCH» is the official supplier for law-enforcement structures;
- «MARCH» is more than 30 years on the market of electric shock devices!

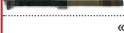
THE PRODUCT RANGE

The product range of «MARCH GROUP» consists of:

- Shooting electroshock devices and accessories;
- Inspection devices (mirrors) and video inspection devices;
- Electroshock shield «SKALA»;
- ESD «CERBERUS» with the function of electromagnetic metal detector.

ELECTROSHOCK DEVICE

Scale of size(cm)

	«AIR M-140»	Li-Pol Acc
	«Karakurt-Mini»	Li-Pol Acc
	«Karakurt-MAX»	Li-Pol Acc
	«Malvina-200»	Ni-MH Acc
	«Malvina-250»	Ni-MH Acc
	«Malvina-WL»	Li-Pol Acc
	«Scorpion-250»	Ni-MH Acc
	«Scorpion-350»	Ni-MH Acc
	«Scorpion-500»	Ni-MH Acc
	«COACH»	Li-Pol Acc
	«Cerberus»	Ni-MH Acc



«Periscop-STO»



Visual Inspection Device
«Periscop-PRO»



Inspection mirrors «Periscop-185»



Autonomous portable igniter «EZAM»



AIR «M-140»

Electroshock device is a gun with multiple built-in options and the ability to customize the ESD «for yourself». Comfortable wearing even with a spare cartridge and a familiar shape

✓ Remote and contact application



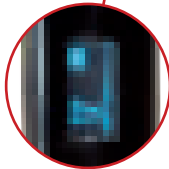
✓ Flashlight



✓ Laser sight



✓ Fuse



✓ Comfortable wearing

✓ Modern removable Li-Pol Acc

✓ LCD-display

Length	161 ± 3 mm
Width	42 ± 1 mm
Height	114 ± 2 mm
Weight	250 ± 30 g
Source of power	Li-Pol Acc
Power	7÷10 W
Voltage	70÷120 kV
Recommended exposure time	0,7 s
The average of time to get out of the shock state ...	10 min

«SCORPION-250/350/500»

Electroshock device is popular among employees of private security companies. It can be equipped with nozzles «Siren with a lantern» or «Lantern», which expands its functionality.

- ✓ Shoots from 4.5 to 6 m
- ✓ Impact-resistant body
- ✓ Nozzles «Siren» and «Lantern»
*optional



	«SCORPION -250»	«SCORPION -350»	«SCORPION -500»
Length	268 ± 2 mm	337 ± 2 mm	550 ± 2 mm
Diameter		52,5 ± 1 mm	
Weight	480 ± 20 g	580 ± 20 g	750 ± 20 g
Source of power		Ni-MH Acc	
Power		7÷10 W	
Voltage		70÷120 kV	
Recommended exposure time		1 s	
The average of time to get out of the shock state		10 min	

«MALVINA-200/250»

Compact size, lightweight and effectiveness have made this model one of the most popular among electroshock devices for many years.

✓ Shoots from 4.5 to 6 m

✓ Impact-resisting body



✓ Compact wearing

✓ Fuse

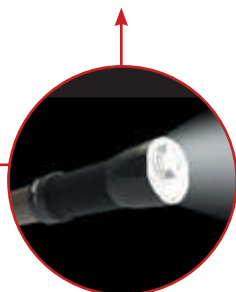
	«Malvina-200»	«Malvina-250»
Length	211 ± 2 mm	260 ± 2 mm
Diameter	40 ± 1 mm	
Weight	260 ± 20	250 ± 20 g
Source of power	Ni-MH Acc	
Power	7÷10 W	
Voltage	70÷120 kV	
Recommended exposure time	1.2 s	
The average time to get out of the shock state	10 min	

«MALVINA-WL»

The new waterproof model with the necessary and practical set of options is compact and convenient, like earlier editions of the series, but now it is also much more functional.

✓ Shoots from 4.5 to 6 m

✓ Charge indicator +fuse



✓ Type-C power plug

✓ Built-in flashlight

Length	230 ± 2 mm
Diameter	40 ± 1 mm
Weight	276 ± 20 g
Source of power	Li-Pol Acc
Power	7÷10 W
Voltage	70÷120 kV
Recommended exposure time	1.2 s
The average time to get out of the shock state	10 min
The luminous flux of the lantern	100 lm
Color temperature	3200 K
Degree of dust and moisture protection	IP 56

«KARAKURT-MAX»

The long-awaited novelty in the line of shockers is a decent import substitution with rich functionality. Only the most modern technologies from the case to the contents.



Length	190 ± 2 mm
Width	36 ± 2 mm
Height	125 ± 2 mm
Weight	310 ± 20 g
Source of power	Li-Pol Acc
Power	7÷10 W
Voltage	70÷120 kV
Recommended exposure time	1.2 s
The average of time to get out of the shock state	10 min

«KARAKURT- MINI»

The smallest shooting electroshock device in the product line. The only shocker whose design can be changed, while the functionality remains unchanged. A powerful modern battery allows you not to save charge.

✓ Fuse



✓ Easy-to-change personalized design



✓ The most compact



✓ Shoots from 4.5 to 6 m

Length	132 ± 3 mm
Width	66 ± 1 mm
Height	35 ± 1 mm
Weight	165 ± 20 g
Source of power	Li-Pol Acc
Power	7÷10 W
Voltage	70÷120 kV
Recommended time to get out of the shock state	1 s
The average of time to get out of the shock state	10 min

THE UNIT OF TRANSPORTATION OF THE ELECTRICAL DISCHARGE «UTED»

Direct contact with enemy is not always possible, and often undesirable. A cartridge delivering a discharge at a distance of up to 4.5 meters can often be the only possible solution to the problem.

A shooting electroshock device will allow you not to wait for the enemy to come close to you. You can defeat him from a distance!

A 4.5 meter shot will be a fairly reliable guarantee of your safety!



«UTED»

«UTED»
(type 01)

«UTED»
(type 02)

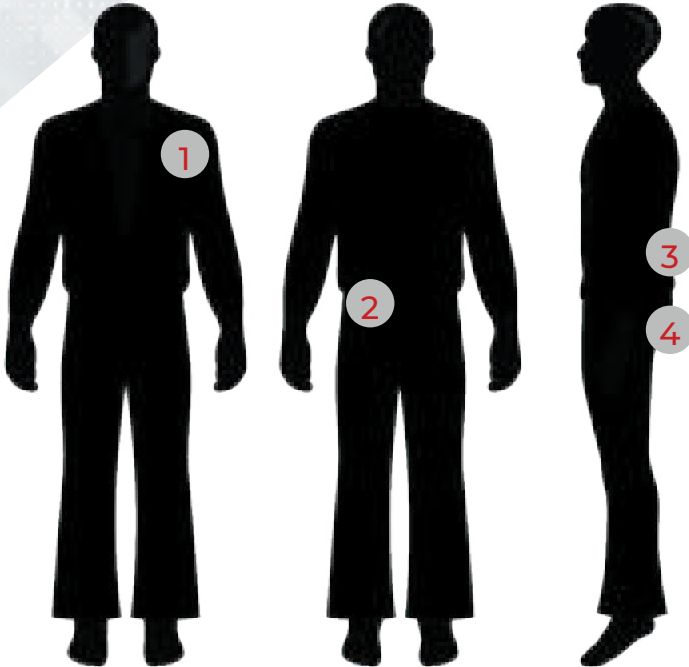


EFFECTIVE AND CORRECT USE OF ELECTROSHOCK DEVICES

RULE 1. The shocker must be loaded!

RULE 2. Use the electroshocker device in effective areas!

EFFECTIVE AREAS OF IMPACT OF THE SHOCKER



- 1 the upper chest,
- 2 lower abdomen,
- 3 back (especially the lower back),
- 4 buttocks.

RULE 3. Surprise!

Use the shocker unexpectedly for the enemy.

CLOSE CONTACT — ensure that the electrodes are in as close contact with the body as possible.

A sign of good tight contact: during discharge, you should not hear the crackle of the shocker.

ELECTRIC SHIELD «SKALA»

The electric shock shield will facilitate the work of the police in a variety of situations: raging football fans, various kinds of unauthorized rallies and demonstrations, and other cases of mass riots.



Execution 01



Execution 02



Self-extinguishing*

****Additional. Self-Extinguish.***

A special fire extinguishing mixture applied to the surface of the shield allows you to extinguish the flame within 5 seconds (for example, after applying a Molotov cocktail), providing employees with a special. Provides additional security.

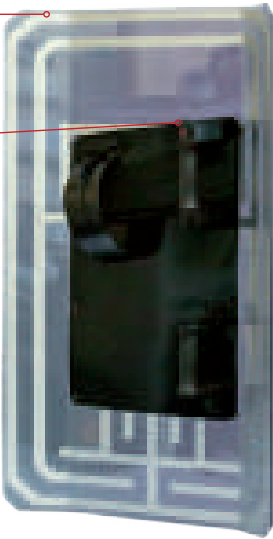


✓ Conductive surface of the shield

Built-in ESD ✓

✓ Removable ESD

✓ Mount system for the installation of the ESD and its quick removal



Appoitment

The electric shock shield is designed for non-lethal effects on the offender by a series of high-voltage electric current pulses. Also, the «SKALA» will protect the employee from blows with sticks and other objects, thrown stones, bottles and other similar influences.

		Specification of ESD	Weight (without installing ESD) kg	Specification of SHIELD
SKALA (Exec. 01)	Removable ESD	Power: 7÷10 W	3,8 ±0,5	Overall dimensions, mm 1020±15 (H) x 573±50 (L) x 116±20 (W)
SKALA (Exec. 02)	Built-in ESD	Voltage: 50÷90 kV		The protection area of the product along the front, m: 0,60 - 0,65
		Source of power - Ni-MH Acc	4,1 ± 0,5	Temperature range of application, °C: from -20 to +50

Structure

The outer surface of the shield is covered with a perforated film, under which conductive strips are located. On the right side, at the bend of the shield, there is a visual control area for electric discharge. The conductive strips are arranged in such a way that when the «Start» button of the shocker is pressed, a clearly visible spark discharge appears in this area. The visual control zone will help the Interior Ministry officer to make sure that the shield is on alert, in addition, the discharge will have a psychological effect on the offender.

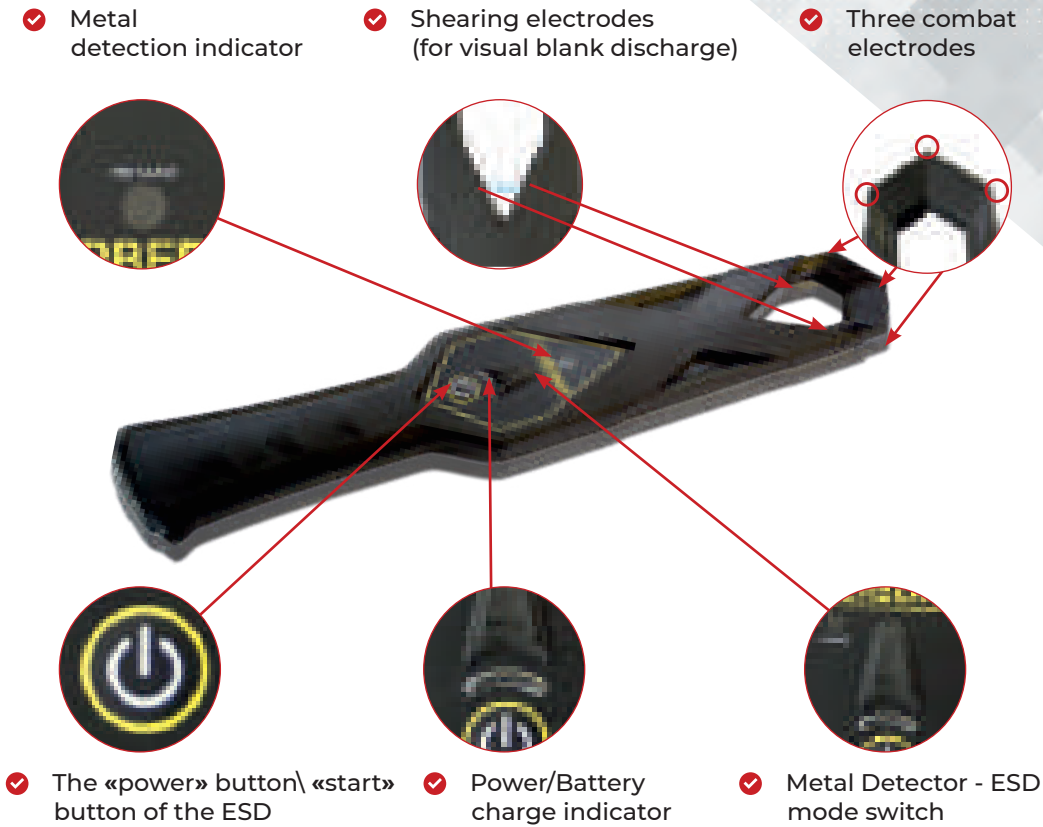
The differences between exec. 01 and 02 of the shield «Skala» are in complication.

The Skala (exec. 01) is designed for joint use with the «Scorpion-350», for which there is a socket on the inside of the shield for its installation. To activate the stun gun, use the «Start» button on the handle of the ESD. If necessary, the «Scorpion-350» can be quickly detached from the shield and used separately, either as a shocker or as a baton.

In the Skala (exec. 02) shield, the electric shock arrester is permanently mounted in the handle. For the convenience of recharging, the removable battery pack is made separately from the unit with a spark gap. In the Skala (exec. 02) shield, the fuse and the Start button are conveniently located under the thumb, which allows you to instantly activate the shocker. The technical characteristics of the arrester are similar to those of the police stun gun «Scorpion-350».

**ESD WITH THE FUNCTION OF ELECTROMAGNETIC METAL
DETECTOR «CERBERUS» («EM-411»)**

Portable and easy to use, «CERBERUS» will greatly facilitate the work of employees of customs control services, special forces of the Ministry of Internal Affairs and the FSS, security structures and other units designed to ensure security at access control points.



Length	422 ± 2 mm
Width	37 ± 1 mm
Height	83 ± 1 mm
Weight	520 ± 20 g
Source of power	Ni-MH Acc
Power	7÷10 W
Voltage	70÷120 kV
Recommended exposure time	3 s
The average of time to get out of the shock state	10 min

TRAINING MATERIALS

To practice the skills of using products and training personnel of the Ministry of Internal Affairs and special services, «MARCH GROUP» has developed product layouts and training materials and simulators.

TRAINING MOCK-UP «SCORPION» SOUND

— It is equipped with an audible indication and is designed to practice contact skills.



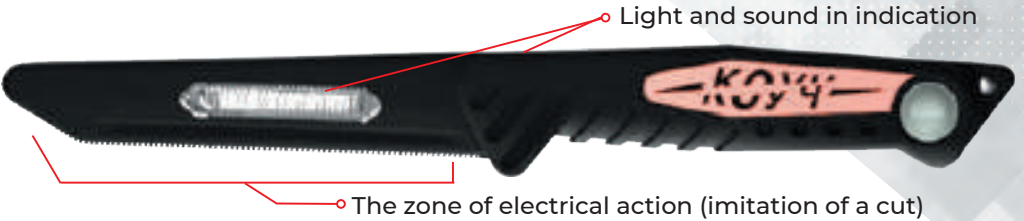
WORKING MODEL OF «SCORPION»

— has a power of 0.28 W, is equipped with an audible indication and is designed to practice contact exposure skills, as well as to train remote exposure using a training cartridge.



TRAINING KNIFE «COACH» WITH IMITATION OF A CUT

The shock knife with light, sound indication and imitation of a cut is perfect for both competitions and training. The knife options will be useful for both a fighter practicing knife fighting techniques (indication) and a defender (imitation of a cut).



Safety



Durability



Water resistance



Frost resistance

Direction of impact

2-color touch display



The direction of impact «cut»

Removable plug of the charging socket

2-color touch display



The «Start» button of the product

Audible touch indication

The zone of imitation of a «cut» (touch)

The length of knife	305 ± 5 mm
The length of blade	141 mm
Power	0,28 W
Source of power	Li-Pol Acc
Charger connector type	USB Type-C
Weight	200 ± 20 g



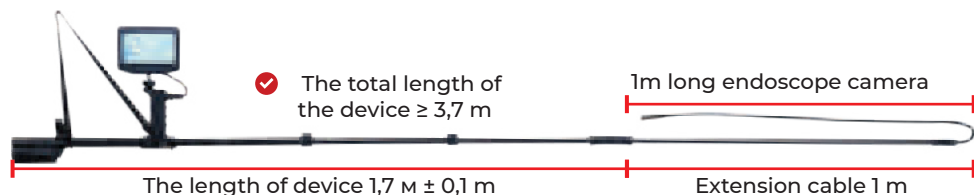
VIDEO-INSPECTION DEVICE «PERISCOP-PRO»

«Periscope-PRO» is designed to inspect vehicles and cargo, machinery, poorly lit rooms and other hard-to-reach places.

- ✓ Video camera PAL with adjustable backlight (12 LED)

- ✓ Removable protective visor

- ✓ Protective glass



Camera and monitor	digital
Operating temperature range	-20... +50°C
Dust and moisture protection	IP 54
Placement of the video camera cable	inside the case
Maximum view	camera angle - 215°, angel of rotation - 360°
Continuous operation of the battery without recharging	up to 10 hours
Storage capacity for video recording	up to 128 gb (17 hours of continuous recording)
Weight in the basic configuration	1,95 kg with Li-Pol Acc
Source of power	Removable Acc 12 W (Li-Pol 5600 mA/h).
Telescopic rod	910 ± 10 mm ... 1700 ± 10 mm
The possibilities to remove the monitor from the device and attach it to your hand.	
The possibility of installing additional cameras (endoscope, pod) and an extension cable (1 m).	

INSPECTION DEVICE «PERISCOP-185»

For visual inspection of vehicles, hard-to-reach and poorly lit places



Max length	1850 mm
Min length	625 mm
Light source	5 LEDs
Weight of the device without mirrors	450±10 g
Weight of the product assembly	not more than 650 g
LED power supply	2 AAA batteries
The time of continuous operation of the backlight	up to 9 hours
Operating temperature	-20... +50°C

VEHICLE INSPECTION MIRROR «PERISCOP-STO»

The «Periscope-STO» sliding mirror is designed to facilitate visual inspection of the underside of vehicles.

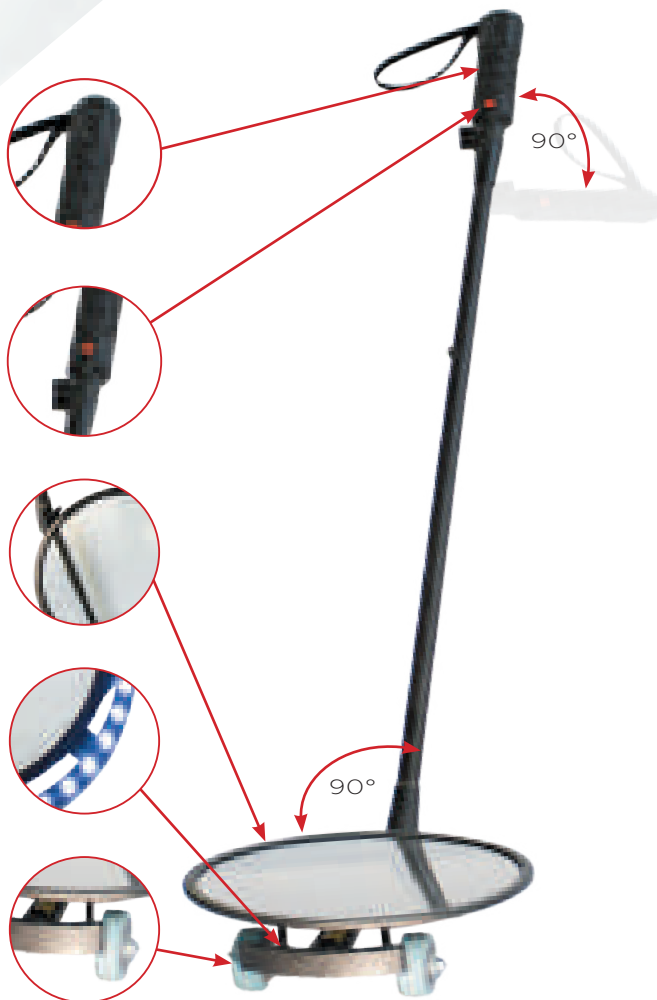
✓ Non-slip handle with a strap

✓ LED power button

✓ Vandal-proof mirror
Ø 220 mm

✓ 6 built-in LEDs

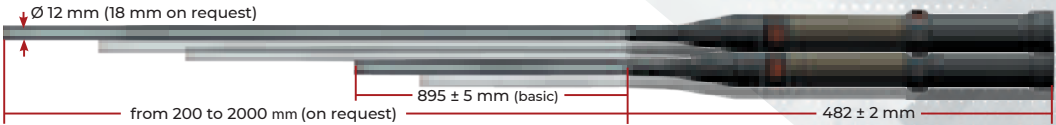
✓ 2 removable wheels



Max length	1034±10 mm
Light source	6 LEDs
Weight of the product	1066±20 g
Source of power	Ni-MH Acc
Wheels	Ø 50±1 mm, width 17±1 mm
Operating temperature	-20... +50°C

AUTONOMOUS PORTABLE IGNITER «EZAM»

The autonomous mobile electric igniter (EZAM) is designed for safe and comfortable remote ignition of pilot burners of boiler units and other burner devices.



The parameters and characteristics of «EZAM» allow the manufacture of an igniter for virtually any enterprise needs, including the use of the device in extremely low temperature conditions.



	«EZAM»	«EZAM-M» (for low t°C)
Source of power	Removable Ni-MH Acc 9.6 V, 900 mAh	EDLC Acc (ultracapacitor), 50 mAh
Number of charge-discharge cycles of the replaceable power source	not less than 400	
Igniter		
Length of peak	895±5 (basic), 200 ÷ 2000 (on request)	
Ø of immersion part, mm	12 (18 on request)	
Frequency of discharges, sec	180	
Voltage of spark discharge, kV	10 ÷ 25	
Output energy, J	5 ÷ 10	
General technical characteristics		
Number of discharge-pause cycles (3 sec. discharge-10 sec. pause) with a fully charged Acc	no less than 100	20 ÷ 25
Power consumption, W	10 ÷ 12	
Type of fuel	gas, atomized	
Operating temperature range	-20...+50°C	-50...+50°C
Overall dimensions, no more than	Ø52,5 ± 1.5 x 1377 ± 7 mm	
Weight, kg	0,9 ± 0,05	



«MARCH GROUP»

Leading Russian manufacturer of non-lethal weapons and inspection
equipment for security services for over 30 years!

The products of the «MARCH» company are time-tested reliability!
Quality assurance!



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