

NON-LETHAL WEAPONS AND SECURITY EQUIPMENT



NON-LETHAL ELECTROSHOCK WEAPONS

FOR LAW ENFORCEMENT

FOR CONSUMER SELF-DEFENSE

STOP A THREAT UP TO 4,5 METERS

«MARCH»

Manufacturing & Selling of non-lethal
weapons and security equipment

Content

«MARCH GROUP» company	2
Characteristics of an effective stun gun	3
Stun gun AIR«M-140»	4
Electric strike device (ESD) with the function of electromagnetic metal detector «EM-411» (CERBERUS)	5
Stun guns of type «Malvina» (200-A, 250-A)	6
Stun guns of type «Scorpion» (250-A/SK, 350-A/SK, 500-A)	7
Stun guns of type «Karakurt» (A, AS)	8
Electric shield «SKALA» («ROCK»)	9-10
Video-inspection device «Periscop-PRO»	11
Inspection mirrors «Periscop-185»	12
Video-inspection set «Periscop-Action»	13
Vehicle Inspection Mirror «Periscop-STO»	14

Dimensions, weight and specifications are for reference only.

«MARCH GROUP» company

Since 1997, «MARCH GROUP» company is the leader on the market of non-lethal weapons. Company manufactures weapons ordered by following organizations:

- ✓ The Russian Ministry of Interior Affairs
- ✓ The Russian National Guards
- ✓ Federal Security Service of the Russian Federation
- ✓ Federal Prisons Service
- ✓ Federal Service of the Russian Federation for the Control of Drug Trafficking
- ✓ Federal Bailiff of Russia
- ✓ The main resource center of the Ministry of Internal Affairs of Russia
- ✓ FSUE «Departmental Security of Railway Transport of the Russian Federation»
- ✓ FSUE «Departmental Security Service of Minenergo»
- ✓ FSUE «Departmental Security Service of the Ministry of Finance»
- ✓ FSUE «Russian Post»
- ✓ FSUE «Communication-Safety»
- ✓ FSUE «Atom-security»
- ✓ FSUE «STC Roskosmos protection»

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

Benefits of «MARCH» company:

- ✓ «MARCH» is the first manufacturer of remote-contact (shooting) stun guns and cartridges in Russia;
- ✓ «MARCH» is the official supplier for law-enforcement structures;
- ✓ «MARCH» is 25 years on the market of electric shock weapons!

Characteristics of electroshock devices

✓ Efficiency

The voltage is $70 \div 120$ kV

Power is $3 \div 10$ watts

Frequency from 80 Hz

The impact of the stun guns with such characteristics can cause spasms of muscles, pain, neutralisation of the enemy, state of shock for up to 5- 10 minutes.

✓ Remote impact

We produce remote - shooting stun guns, which can be used as contact.

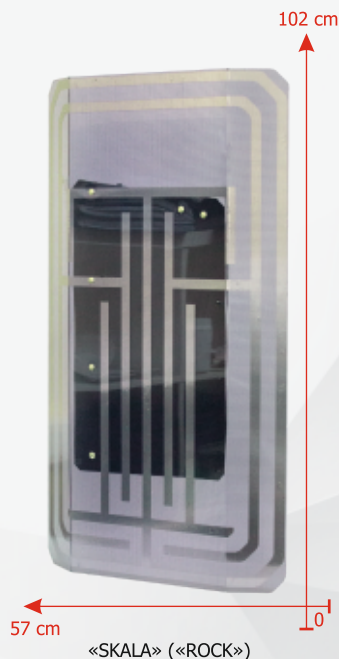


Scale of sizes (cm)



Electroshock devices «MARCH»

AIR «M-140»	Li-pol. accumulator
«Karakurt-Mini»	Li-pol. accumulator
«Karakurt-A»	Ni-MH accumulator
«Malvina-200-A»	Ni-MH accumulator
«Karakurt-AS»	Ni-MH accumulator
«Malvina-250-A»	Ni-MH accumulator
«Scorpion-250-A/SK»	Ni-MH accumulator
«Scorpion-350-A/SK»	Ni-MH accumulator
«Scorpion-500-A»	Ni-MH accumulator
«Cerberus»	Ni-MH accumulator



AIR «M-140»

Height	42 ± 2 mm
Length	154 ± 3 mm
Width	114 ± 2 mm
Weight	250 ± 30 g
Source of power	accumulator
Power	3 ÷ 10 W
Voltage	70 ÷ 120 kV
Recommended exposure time	0.7 s
The average of time to get out of the shock state	5 ÷ 10 min



This stun gun has a familiar form of a pistol. AIR «M-140» has a compact size, it will be convenient to carry in the inner pocket of the coat or jacket, in a bag, on the belt or in shoulder holster.

- ✓ Great accuracy in tasing (shooting with angle 0,5°). 15 cm between probes is maximum.
- ✓ There is almost no sound during the shooting.
- ✓ Fast charging for 3 hours.
- ✓ After tasing 1-3 sec in 1 criminal, can be used immediately to another violent persons in a stun-mode with a cartridge.



ESD with the function of electromagnetic metal detector «EM-411» (CERBERUS)



Height	83 ± 1 mm
Length	422 ± 2 mm
Width	37 ± 1 mm
Weight	520 ± 20 g
Source of power	accumulator
Power	7÷10 W
Voltage	70÷120 kV
Recommended exposure time	3 s
The average of time to get out of the shock state	5÷10 min

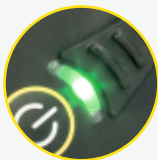
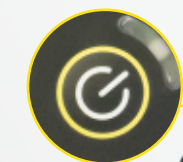
Highly effective electric strike device with sensitive inspection metal detector for security and law enforcement.

- ✓ 2 in 1 device with fast switch from metal detector to stun gun mode.
- ✓ FLYBACK topology in electronic scheme of ESD.
- ✓ High-sensitivity metal detector.

- button «on/off» in metal detector mode
- «START» button in ESD mode

charge indicator

safety lock



Socket of the replaceable battery



metal detection indicator



electrodes (For visual Idle discharge)



3 working electrodes

Type «Malvina» (200-A, 250-A)

Diameter	40 ± 1 mm
Length	260 ± 2 mm / 211 ± 2 mm
Weight	280 ± 20 g / 260 ± 20 g
Source of power	accumulator
Power	3 ÷ 10 W
Voltage	70 ÷ 120 kV
Recommended exposure time	1.2 s
The average of time to get out of the shock state	5 ÷ 10 min



Small size, lightweight and fiberglass durable housing make this model one of the most popular stun guns.

- ✓ The device camouflage look like umbrella.
- ✓ If you don't use electric strike device for a long time, it's sufficient to charge an accumulator once a year.
- ✓ Remote and contact modes.



It is Compatible with March Group's cartridges.



Impact-resistant housing



Light weight



Camouflage cover

Type «Scorpion» (250-A/SK, 350-A/SK, 500-A)



Diameter	52.5 ± 1 mm
Length	268 ± 2 / 399 ± 2 / 550 ± 2 mm
Weight	480 ± 20 / 580 ± 20 / 750 ± 20 g
Source of power	accumulator
Power	3 ÷ 10 W
Voltage	70 ÷ 120 kV
Recommended exposure time	1 s
The average of time to get out of the shock state	5 ÷ 10 min

AIR-107 «Scorpion» is designed to temporarily incapacitate a person while reducing the likelihood of serious injuries or death. This stun gun will become a great helper for security guard.

- ✓ The device camouflage look like umbrella.
- ✓ Impact-resistant housing.
- ✓ Remote and contact modes.
- ✓ Laser sight (in models «250-SK» and «350-SK»)



Type «Karakurt» (A, AS)

Height	35 ± 2 mm / 42 ± 2 mm
Length	150 ± 3 mm / 190 ± 2 mm
Width	110 ± 2 mm / 120 ± 2 mm
Weight	270 ± 30 g / 360 ± 20 g
Source of power	accumulator
Power	3 ÷ 10 W
Voltage	70 ÷ 120 kV
Recommended exposure time	1 s
The average of time to get out of the shock state	5 ÷ 10 min



Pistol grip form of electric gun has strike electrodes directed towards the enemy. Outward of «Karakurt» is dreadful. Which has very effective psychology effect.

- ✓ Ergonomic form for wearing and using.
- ✓ Hidden wearing and switching of the ESD.
- ✓ Remote and contact modes.



Electroshock shield «SKALA» («ROCK»)

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



Type I



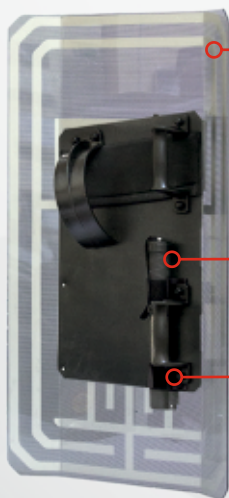
Type II



Self-damping*

*Optional. Self-damping

A special extinguishing mixture applied to the surface of the shield allows the flame to be extinguished within 5 seconds (for example, after using the «Molotov cocktail»), providing extra security for the special units.



Conductive surface
of the shield



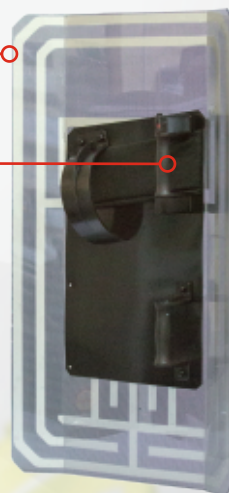
Built-in shocker



Removable shocker



The fastening system
for the installation
of the shocker and
its rapid extraction



Appointment

Electroshock shield is designed for non-lethal impact on the offender series of electrical impulses of high voltage current. Also, «SKALA» will protect the employee from strikes with sticks and other objects, abandoned stones, bottles and other similar influences.

		Specifications of shocker	Weight (without shocker, kg)	Specifications of shield
SKALA (type 01)	Removable shocker	Power: 7÷10 Watt Voltage: 70÷120 kVolts Source of power: Ni-MH accumulator	3.8 ± 0.5	Overall dimensions, mm: 1020 ± 15 (H) x 573 ± 50 (L) x 116 ± 20 (W) Area of product protection along the front, m²: 0.60 - 0.65 Temperature application range, °C: from —20 to +40
SKALA (type 02)	Built-in shocker		4.1 ± 0.5	

System

The outer surface of the shield is covered with a perforated film, under which conductive strips are located. On the right side, on the bend of the shield, is the zone of visual control of the electrical discharge. The conductive strips are arranged in such a way that when a «Start» button of the shocker is pressed in this zone, a noticeable spark discharge appears. The zone of visual control will help the MIA officer to make sure that the shield is in combat readiness, in addition, the discharge will have a psychological impact on the offender.

The differences between 1 and 2 types of shield «SKALA» is in the arrangement.

«SKALA-I» is designed for joint use with the police electroshocker «Scorpion», for which there is a socket on the inside of the board for its installation. If you need to use the «Start» button on the ESH handle, «Scorpion» can be quickly disconnected from the shield and used separately, either as a shocker or as a baton.

In the shield «SKALA-II» the electric shock device is fixedly mounted in the handle. For convenience of charging, the detachable unit with the accumulator is made separately from the unit with a spark gap. In the shield «SKALA-II» the fuse and the «Start» button are conveniently located under the thumb, which allows instantly bring the shocker into action. Technical characteristics of the arrester are similar to the characteristics of the police electroshocker «Scorpion».

Video-inspection device «Periscop-PRO»



Length _____ 955 ± 10 to 1730 ± 10 mm
(without camera and battery)
Source of power _____ Ni-MH accumulator
Time work without
recharging the battery _____ up to 5 h
Operating temperature _____ -20°C to $+50^{\circ}\text{C}$
Weight _____ 1500 g

The product is designed to facilitate the work of customs officers, law enforcement agencies, security services. Also «Periscop-PRO» is used by service centers and other enterprises, where a thorough examination of variety of devices and mechanisms (including internal cavities) is required.



Inspection device «Periscop-185»

Max length _____ 1850 mm
Min length _____ 600 mm
Light source _____ 5 emitting LEDs
Weight without mirrors _____ 470 g
Source of power _____ AAA battery
The time of continuous operation of the LEDs _____ more than 9 h
Operating temperature _____ -20°C to + 50°C

The inspection device «Periscop-185» is a designed for visual inspection of vehicles, hard-to-reach and poorly lit places in the premises.

The device is indispensable in the work of law enforcement agencies, security services.



Video-inspection set «Periscop-Action»



Max length	1850 mm
Min length	600 mm
Light source	5 emitting LEDs
Weight without mirrors	470 g
Source of power	AAA battery
The time of continuous operation of the LEDs	more than 9 h
Operating temperature	-20°C to + 50°C

The inspection device «Periscop-Action» is designed for visual inspection of vehicles, goods, hard to-reach and poorly lit places.

A convenient and effective video-scanning device is indispensable in the work of law enforcement agencies, security services, and can also be used in everyday life.

It is indispensable for motorists, auto mechanics, builders, engineers, etc.

This device can inspect the bottom of the car, hard-to-reach places of premises, building structures and mechanisms. In addition to the kit, you will need an action camera GoPro or similar, and a smartphone or tablet, are not in the set.

Vehicle inspection mirror «Periscop-STO»

Max length	1034 ± 10 mm
Light source	6 emitting LEDs
Diameter of the wheels	50 ± 1 mm
Width of the wheels	50 ± 1 mm
Weight without mirrors	1066 ± 20 g
Source of power	Ni-MH accumulator
The time of continuous operation of the LEDs	more than 9 h
Operating temperature	-20°C to + 50°C

Vehicle mirror «Periscop-STO» is intended to facilitate visual inspection of the bottom of vehicles.

The device is indispensable in the work of law enforcement agencies, security services.



Shooting stun guns for citizens and PSC

Address: : 33, building 35, Clara Zetkin street, Moscow, Russia, 125130

Tel./fax: +7 (495) 115-62-78 (multichannel)

E-mail: opt@marchgroup.ru

Web: russian-shockers.com



«MARCH»

Manufacturing & Selling of non-lethal
weapons and security equipment