



## ESD "HYBRID"

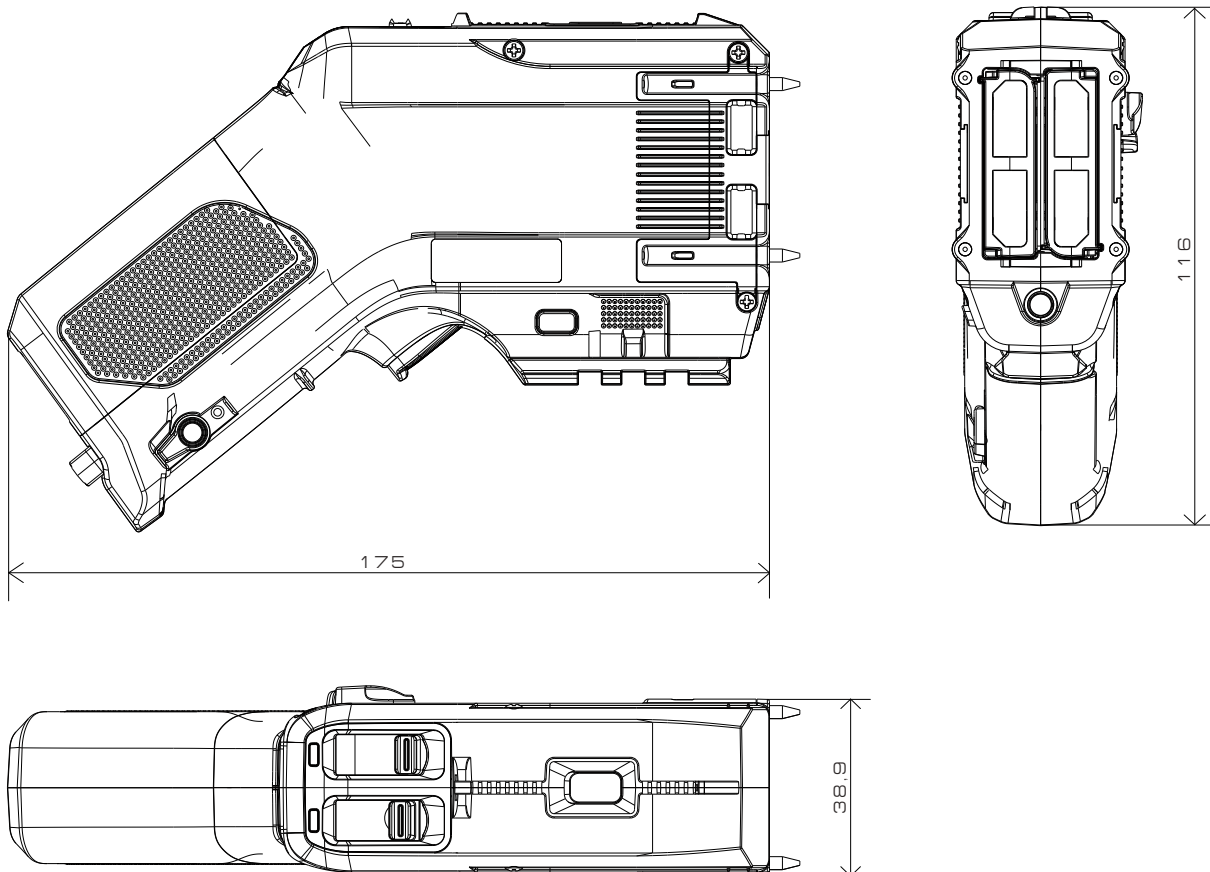
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multi-shot  
electroshock device

### TECHNICAL CHARACTERISTICS

- Outcome voltage on the working electrodes, kV	90-150*
- Power of influence, W	3-30*
- Operational in temperature range from -15 °C to +50 °C and relative humidity up to 98% at +25 °C	
- Weight, kg	0,38
- Dimensions Length-x-Height-x-Width, mm	175x116x38,9
- Distance between the working electrodes, mm	40
- Laser target designator	yes
- Cycles of operation for a fully charged battery, not less than	250
- Supply element: removable rechargeable LiPOL accumulator battery 11.1V, 600 mAh	
- Cycles of battery charging, not less than	500
- Blockage key	yes
- Picatinny mounting rail	yes

\*depends on the contract terms



### COMPLETE SET

- Electroshock device HYBRID - 1 pc;
- Remote cassettes in a magazine – 2 pcs;
- Battery – 1 pc;
- Charging device – 1 pc;
- Blockage key with wrist strap – 1 pc;
- Belt holster – 1 pc;
- User's manual (with guarantee card and passport) – 1 pc.

## PURPOSE

Electroshock device (ESD) HYBRID is a powerful double-charged handheld weapon, intended for contact, distant and psychological influence on an offender.

Developed by ZAO "OBERON-ALPHA" – leading Russian producer of electroshock devices.



The United Nations' Convention "Basic Principles on the Use of Force and Firearms" and "Code of Conduct for Law Enforcement Officials" recommend the policemen, when detaining offenders, to use non-violent methods, physical force and special means before applying firearms.

Electroshock device HYBRID is intended for use by special services, police and security companies. Power of influence of police weapons is up to 30 W (specified in the contract)

## CONSTRUCTION SPECIFICS



### ELECTROSHOCK FUNCTIONS:

- Electroshock device HYBRID has two remote influence cassettes installed in a magazine with a function of fast deployment. Shot distance is up to 6 meters. One or two objects can be influenced simultaneously and differentially.
- HYBRID can be applied contact or blank discharge can be displayed without deploying the cassettes or when the cassettes have already been deployed.
- HYBRID has 4 side blank discharge zones that affect the offender psychologically.

### SAFETY:

- The special cassette safety system SHOT LOCK protects the cassettes from being deployed when HYBRID is applied contact or when the blank discharge is displayed.
- HYBRID has a blockage key that turns off ESD's functions if the weapon is snatched by offender.

### CONSTRUCTION ELEMENTS:

ESD HYBRID is made in impact-resistant case, it has removable lithium-polymer battery. Gun flashlights and additional laser target designator can be installed on Picatinny mounting rail. HYBRID holster allows carrying the device with installed devices.

### SPECIFICS OF BIOLOGICAL INFLUENCE

The basis of HYBRID effective influence is neuromuscular incapacitation effect. Neuromuscular incapacitation is effective for offenders with a high pain threshold (those who use drugs, under severe stress, prepared or trained opponents who may not feel pain of the impact or are capable of resisting detention (or self-defense) despite physical pain). Electric influence of HYBRID allows controlling opponent's actions which prevents the him from consciously breaking the contact or showing resistance.

Efficiency of contact impact is increased due to two pairs of fighting electrodes with independent impact.

#### Benefits of HYBRID remote influence:

- Increases safety of ESD operator – lack of physical contact with the offender doesn't allow the offender to use force or cold weapons.
- Allows using remote electroshock functions against two objects simultaneously without replacing the magazine.
- Allows using electroshock device contact with earlier initiated cartridges without removing them.
- Allows transferring electroshock discharge repeatedly on an object through earlier initiated cartridge.

High convenience and safety of operation. The plastic holster is provided for carrying HYBRID on a belt.

