

INTERNATIONAL  
**ARMOUR**  
**CATALOG**

OF EXPLOSIVE DEVICE  
SIMULATORS



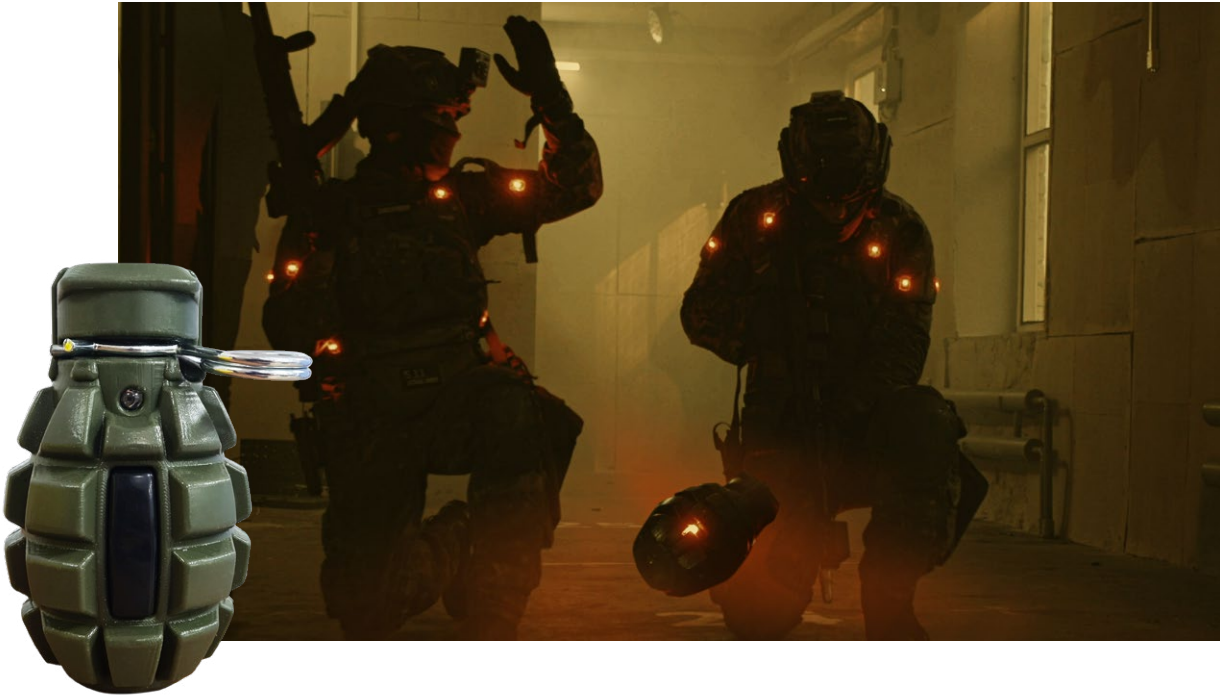


## F-1 GRENADE SIMULATOR

This device is designed to simulate the operation of an anti-personnel grenade, the radius of impact is set according to the customer's specifications. The grenade body is made of impact-resistant materials to withstand high shock loads.

### THE PRINCIPLE OF OPERATION OF THE GRENADE SIMULATOR:

- 1. The soldier pulls the pin and then throws the grenade simulator.
- 2. The grenade conditionally explodes and deactivates everyone in the radius of impact.
- 3. Personal kits change the light indication, which announces the deactivation.
- 4. Conditional grenade detonation and other statistics are displayed in the software.



### GENERAL CHARACTERISTICS:

Weight	217 g
Certificate of protection against moisture and dust	IP64
Radius of complete destruction	up to 7 m
Radius of partial destruction	up to 50 m
Battery life	up to 8 hours
Communication method	Wi-Fi

## MON-50 ANTI-PERSONNEL MINE SIMULATOR

The MON-50 simulator is designed to learn the principle of operation of the mine, its use, counteraction and tactical training of servicemen and military engineers.

### THE PRINCIPLE OF OPERATION OF THE ELECTRONIC MINE-SIMULATOR:

- 1. The MON-50 mine simulator is installed by means of bipods or is fixed with a clamp.
- 2. After completing the installation, aiming and mounting of the electrical circuit, the soldier distances oneself from the mine-simulator.
- 3. The mine is ready for activation by the principle of «remote detonation» or demining when operating in the «tripwire» mode.
- 4. Once the mine is activated, it emits a horizontal laser impulse with an angle of impact of 55 degrees, at a distance of up to 50 meters – according to the combat prototype. The laser impulse affects all personal kits of soldiers who are in the area of impact of the mine-simulator.



### GENERAL CHARACTERISTICS:

Weight	1,1 kg
Certificate of protection against moisture and dust	IP56
Radius of action	up to 50 m
Radius of impact by IR beam	up to 20 m
Radius of impact by radio channel	up to 50 m
Angle of impact	55 °C
Battery life	up to 12 hours
Communication method	Wi-Fi



# PMN-2 ANTI-PERSONNEL PRESSURE MINE SIMULATOR

The anti-personnel pressure mine simulator is used for tactical training of infantrymen and military engineers. It is possible to attach a smoke bomb or pyro cartridge to the mine.

## THE COMPLEX CONSISTS OF:

- 1. Mine simulator, which is activated by pressing on the top surface.
- 2. Software – it displays information about the status and location of mine simulators on the range.



## GENERAL CHARACTERISTICS:

Weight	660 g
Certificate of protection against moisture and dust	IP67
Radius of action	2 m
Battery life	up to 8 hours
Triggering force when pressing on the central part of the body	from 30 kg
Communication method	Wi-Fi

## PRINCIPLE OF OPERATION OF THE PMN-2 MINE SIMULATOR:

- 1. Mine simulators are installed on the range by analogy with combat prototypes.
- 2. A soldier steps on the mine, after which it conditionally detonates and deactivates everyone in the radius of action.
- 3. The personal kit changes the light indication, notifying of deactivation.
- 4. Conditional detonation of the mine and other statistics are displayed in the software.





## TM-62 ANTI-TANK MINE SIMULATOR

The TM-62 anti-tank mine simulator is used for tactical training of military engineers.

### THE COMPLEX CONSISTS OF:

1. TM-62 anti-tank mine simulator — installed underground and activated when military vehicles run over it.
2. Software — used to generate training statistics.



### GENERAL CHARACTERISTICS:

Weight	10 kg
Battery life	up to 4 days
Operating temperature range	from -10 to +40°C
Activation force when pressing on the central part of the body	from 150-200 kg

### PRINCIPLE OF OPERATION OF THE TM-62 ANTI-TANK MINE SIMULATOR:

1. Mine simulators are installed on the range by analogy with combat prototypes.
2. Military vehicles run over the mine, after which it deactivates everyone in the radius of action.
3. The military equipment activates light and pyrotechnic indication, notifying of deactivation.
4. Conditional mine detonation and other statistics are displayed in the software.







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