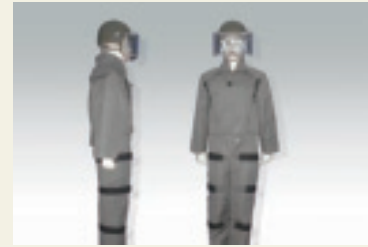


EOD Search Suit

Type **PBF-4/1**



Eod Search Suit
Type **PBF-4/1**



▶ General Description

- Made from resistant material
- Blast and ballistic resistant materials with body armour
- Jacket has two leggings with shin protectors and removable chest plate
- Helmet and visor, Extremities Protection System for the arms, a full contour ballistic insert chest plate and an reinforced protection visor
- Fire retardant, water repellent and anti-static shell fabric
- Blast and ballistic resistant insert (material: para-aramid woven)
- Quick release design
- Limb Protection System for the arms
- Full contour ballistic insert chest plate
- Improved protection visor

▶ Packing Note

Num.	Name Of Article	Type	Unit	Quantity	Remarks
1	Jacket	PBF-4/1	piece	1	Chest, abdomen and back protection;
2	Trousers	PBF-4/1	piece	1	Leg and crotch protection;
3	Shoulder Cap Sleeves	PBF-4/1	piece	1	Shoulder and upper limb protection;
4	Plate	PBF-4/1	piece	1	Armoured steel; enhanced protection;
5	Helmet with Visor	PBF-4/1	piece	1	Lighter weight; head protection; 3 position adjustment;
6	Trolley Bag	PBF-4/1	piece	1	Easy moveable.

Explosive Disposal Suit
Type **PBF-4/2**



Explosive Disposal Suit Type **PBF-4/2**



► General Description

The PBF-4/2 explosive disposal suit provides technicians with an outstanding protection against: overpressure, fragmentation, impact and heat from explosion blast. The PBF-4/2 proprietary explosive disposal suit is specially designed to reduce and limit the injury caused by fragments (shrapnel) and blast from the detonation of various explosive devices. It is ideal for use in surveying, detection, excavation, bomb disposal and other dangerous activities.

This modular protection platform can be configured in the field by explosive disposal technicians based on their threat assessment. It provides the next generation of modular protection and operational flexibility for explosive disposal missions.

The explosive disposal suit addresses the need for comfort and flexibility without compromising personal safety when performing dangerous activities over long periods of time.

► Packing Note

Num.	Name Of Article	Type	Unit	Quantity	Remarks
1	Jacket	PBF-4/2	piece	1	Inserted in carrying bag
2	Trousers	PBF-4/2	piece	1	Inserted in carrying bag; contain groin protector
3	Transparent Explosion Shield	PBF-4/2	piece	1	Ballistic guard; head protection; rigid frame connected with chest plate
4	Chest Plate Crotch Plate Carrying Box	PBF-4/2	piece	1	Armoured steel; chest and abdomen protection; Rigid frame connected with transparent explosion shield
5	Full-facepiece Protector	PBF-4/2	piece	1	Armoured steel; crotch protection
6	Protector	PBF-4/2	piece	1	55 × 36 × 85 cm (L × W × H)
7	Headband Earmuff	MF-14	piece	1	Face protection
8	Pre-shaped Foam Earplugs	1010923	piece	1	Hearing protection; noise blocking; Bacou-Dalloz™; Bilsom® Leightning® L2
9	Interphone (Portable Radios)	MAX-1	pair	2	Hearing protection; Bacou-Dalloz™
10	Audio Accessory	GP328	set	1	MOTOROLA; contain plug adapter
11	Line	PMLN4556	piece	1	MOTOROLA; magOne accessory; PTT←→VOX
12	Combat Boot	V50168	pair	1	The blast & fragment resistant V-50 (BFR V-50)
13	Helmet	FBK-B	piece	1	Adjustable chin strap; high ballistic performance
14	Socks	JUNANTAI	pair	1	Cotton; comfortable

Anti-explosion Shield
Type **JB301**



Anti-explosion Shield Type **JB301**



► General Description

The JB301 Anti-explosion Shield is a removable protective device, which is made up of protection plate, bracket and caster wheels. It can effectively prevent blast wave and fragments caused by detonation of the explosives and thus provide protection to personnel and facilities. Usually it is used with various rod manipulator.

► Principal Data

Overall Dimension of Shield (L × W × H)	1,680 × 740 × 1,520
Shield Thickness	3 mm
Porthole Size	180 × 170 mm
Shield Slope	60°
Folded Height	430 mm
Weight	54 kg

Telescopic Manipulator
Type **JW301**



Telescopic Manipulator Type **JW301**



► General Description

The JW301 Telescopic Manipulator is a special designed tool to handle Improvised Explosive Device (IED) with long reach and lift ability. It is specifically designed to enable bomb disposal operators to handle explosive devices and dangerous materials from a relatively safe distance to reduce risk of unexpected detonation.

The Manipulator can be used in conjunction with the Explosive Disruption Shield to provide an higher level of protection for the operator.

► Principal Data

Open Size

Claw	0 ~ 160 mm
Caliper	160 ~ 500 mm
Fork	250 × 120 mm
Clip Hook	For hook and shear

Extended Length

Single Rod	2,000 mm
Extended	5,100 mm

Weight

Lifting Capacity	3 kg
Counter weights	each 5 kg (2 pieces)
Total Weight	30.7 kg

EOD Manipulator



EOD Manipulator



▶ General Description

The EOD Manipulator is the first explosives disposal tool that adopts carbon fiber, electrical capture and video transmission technology. It has been used by police and security troop for many years and gained a very good reputation for years. It can be used for missions in various particular terrains and spaces where is impossible to use robot.

▶ Main Features

The product is applied to transfer and removal of suspected hazardous materials, beyond a safe distance of 3-5 meters away.

▶ Advantages

- Carbon fiber material rod, lighter weight and higher strength.
- Modular design for quick removal and easy handling.
- Equipped with a tripod for more labor-saving and efficient operation.

▶ Principal Data

<u>Length</u>	4 ~ 5 m
<u>Grabbing Weight</u>	0 ~ 10 kg
<u>Grasping Scope</u>	0 ~ 220 mm
<u>Robot Arm Connecting Angel</u>	45°/ 90°/ 180° high-resolution
<u>Camera</u>	infrared night vision
<u>Weight</u>	about 20 kg
<u>Grasping Freedom</u>	2
<u>Control Mode</u>	electric
<u>Continuous Working Time</u>	0 to 5 hours
<u>LCD Display</u>	5.6 - inch true color TFT

Recoilless Explosives Disruptor
Type **AD-JTW-II**



**Recoilless Explosives
Disruptor
Type AD-JTW-II**



► **General Description**

AD-JTW-II Recoilless Explosives Disruptor is designed to deactivate explosives by using high-speed and high-pressure water stream. It uses instantaneous detonation force after firing propellant charge to emit two water streams: the forward water stream in the water holder disposes explosives and the backward water stream eliminates recoil.

The equipment can also shoot spade shot, fork shot, pillar shot, conic perspex shot and so on. The disruptor is equipped with a laser finder. The disruptor features advanced technology, good safety, easy operation and great execution .

► **Principal Data**

Water Holder

Total Length	420 mm
External Diameter	Φ 65 mm
Shoot Caliber	Φ 21 mm
Weight	5.2 kg

Propellant Charger

Diameter	Φ 35 mm
Length	58 mm

Tripot

Max. Height	650 mm
Weight	3 kg

Penetrability

Wood Plate	120 mm
Steel Plate	2 mm

Anti-explosion Container
Type **JT401**



Anti-explosion Container Type **JT401**



► General Description

The JT401 Anti-explosion Container is a disposable blast containing equipment used for depositing dangerous explosive device temporarily. It is able to prevent blast wave and fragments effectively by diffusing them only in horizontal direction to provide a reliable protection to personnel and facilities.

► Principal Data

External Diameter of the Container	56 cm
Height of the Container	80 cm
Overall Dimension	Φ 56 × 80.8 cm
Blast Containing Ability	TNT equivalence 1.5 kg

Drum Anti-explosion Holder
Type **JBT2003**



Drum Anti-explosion
Holder
Type **JBT2003**



► General Description

The Drum Anti-explosion Holder can be used for transporting dangerous explosive device. It can contain blast wave and fragments caused by detonation of explosives in the holder effectively with diffusion only in horizontal direction, by which it safely protects the high value assets.

The Holder is particularly applied to displacement of explosives under emergency.

► Principal Data

<u>Holder Diameter</u>	Φ 900
<u>Holder Height</u>	1,000
<u>Caliber Diameter</u>	Φ 750
<u>Overall Dimension</u>	3,450 × 1,730 × 1,310 mm
<u>Length × Width × Height</u>	
<u>Anti-knock Ability</u>	2 kg
<u>TNT Equivalence</u>	

Series Towed **JBG**
Spherical Auto-cover Anti-explosion
Storage Tank



Series Towed JBG
Spherical Auto-cover Anti-
explosion Storage Tank



► **General Description**

The Series Towed JBG Spherical Auto-cover Anti-explosion Storage Tank is an anti-explosion equipment with auto-control. The tank is mounted on a trailer, which can be used for carrying and transferring explosives for short distance and deactivate explosives in the tank. It is particularly useful as a blast-proof equipment for transportation of explosives whenever and wherever is need.

The tank is sealed. It has strong anti-blast ability so that the blast wave and the fragments are contained in the tank to protect personnel and facilities.

► **Principal Data**

	JBG-1000	JBG-1200	JBG-1500
<u>Spherical Shell Parameter</u>			
• Blast Resistance in TNT Equivalent	3	4.5	6
• Blast Container Weight	1,150 kg	1,480 kg	2,450 kg
• Blast Container Size			
- Inner Diameter	Φ 1,000 mm	Φ 1,200 mm	Φ 1,420 mm
- Caliber Diameter	Φ 700 mm	Φ 810 mm	Φ 900 mm
<u>Including Trailer</u>			
• Length × Width × Height	3,180 × 1,660 × 1,670 mm	3,530 × 1,860 × 1,780 mm	3,780 × 2,050 × 1,900 mm

EOD Tools Kit



EOD Tools Kit



▶ General Description

Explosive Ordnance Disposal (EOD) Tools Kit is composed of two parts anti-static charge, non-magnetic tools and multi-purpose tools.

▶ Packing Note

Num.	Name Of Article	Unit	Quantity	Location	Remarks
1	Oil-base Marking Pens	piece	2	Layer B	Normal
2	Tweezers	piece	2	Layer B	Non-magnetic; Non-sparking; Be-Cu alloy; Neat + Flat Nose
3	Precision Screwdriver Set	set	1	Layer B	Normal
4	Pulley	piece	2	Layer B	Normal
5	Hook	piece	4	Layer B	Normal; 2*"S"hook + 2*"?"hook
6	Magnifying Glass	piece	1	Layer B	Normal
7	Battery	piece	2	Layer B	Normal
8	Quickdraw	piece	2	Layer B	Normal
9	Shears, Cutting	piece	1	Layer B	Non-magnetic; Non-sparking; Be-Cu alloy; 6"
10	Shears, Cutting	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 8"
11	Quickstick	piece	4	Layer B	Normal
12	Phillips Screwdriver	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 3*75 mm
13	Phillips Screwdriver	piece	2	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 5*100 mm
14	Phillips Screwdriver	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 5*75 mm
15	Phillips Screwdriver	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6*100 mm
16	Slotted Screwdriver	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 3*75 mm
17	Slotted Screwdriver	piece	2	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 5*100 mm
18	Slotted Screwdriver	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 5*75 mm
19	Slotted Screwdriver	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6*100 mm
20	Knives Tools in One	piece	1	Layer B	Normal
21	Adhesive Tape	roll	2	Layer B	Normal
22	Tape Measure	piece	1	Layer B	Normal; 2 metre
23	Torch	piece	1	Layer B	Normal
24	Pliers, Lineman	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6"
25	Pliers, Snipe Nose	piece	2	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6"
26	Pliers, Diagonal Cutting	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6"
27	Pliers, End Cutter	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6"
28	Hacksaw	piece	1	Layer C	Normal; with 1 piece Saw blade
29	Pliers, Adjustable	piece	1	Layer C	Non-magnetic; Non-sparking; Be-Cu alloy; 6"
30	Pliers, Adjustable	piece	1	Layer C	Non-magnetic; Non-sparking; Be-Cu alloy; 8"
31	Locking Pliers	piece	1	Layer C	Normal
32	Hammer, BallPein	piece	1	Layer C	Non-magnetic; Non-sparking; Be-Cu alloy; 0.23 kg
33	Spade & Pickaxe in One	piece	1	Layer D	Normal
34	Tape Measure	piece	1	Layer C	Normal; 20 metre
35	Hand Capstan	piece	1	Layer D	Normal
36	Extension Tube	piece	1	Layer D	Normal
37	Cable Tie	piece	10	Layer B	Normal
38	Gloves	pair	1	Layer B	Normal
39	Inner Hexagon Spanner	set	1	Layer B	Normal; 9 types (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)
40	Split Pin	piece	12	Layer C	Normal; 4 types
41	Flower Twig Clippers	piece	1	Layer C	Normal
42	Glass Sucker	piece	1	Layer D	Normal; suit curved surface
43	Hearing Needle	piece	1	Layer A	Non-magnetic; Non-sparking; Be-Cu alloy; 6*250 mm
44	Tweezers	piece	1	Layer A	Non-magnetic; Stainless steel

Leobot-EOD



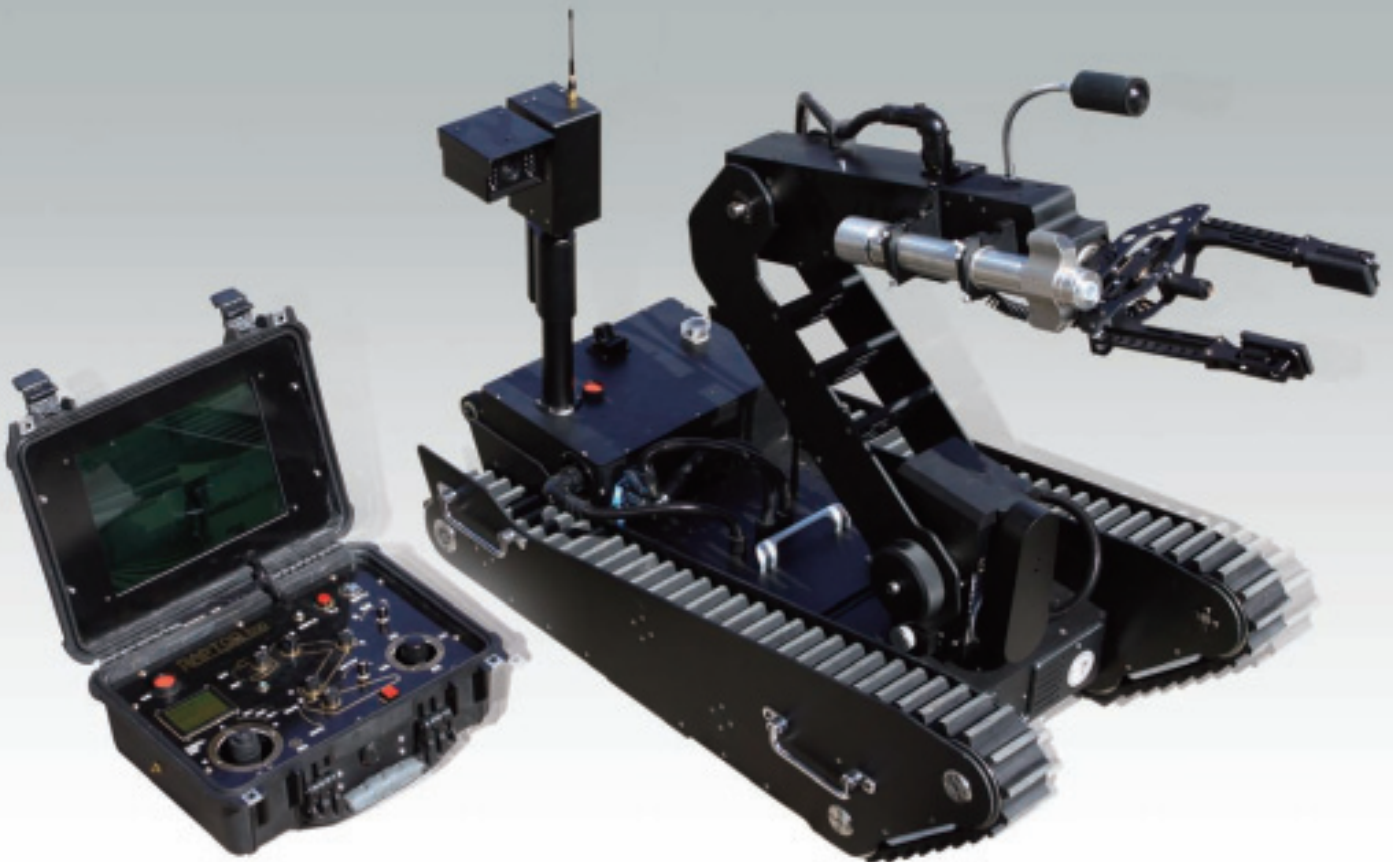
Leobot-EOD



► General Description

<u>Weight</u>	22 kg
<u>Height</u>	170 mm
<u>Width</u>	494 mm (with flip arm), 404 mm (without flip arm)
<u>Length</u>	880 mm (flip arm extended), 680 mm (flip arm tucked)
<u>Environment</u>	all terrain, all weather
<u>Max. Impact</u>	50 g
<u>Speed</u>	1.2 m/s
<u>Payload</u>	35 kg
<u>Climbing Capacity</u>	45° (slope), 45° (staircase)
<u>Waterproof Performance</u>	3 m
<u>Sensor</u>	multi-sensor monitoring: current, voltage, temperature, acceleration, position, pitch angle, roll angle, etc.
<u>Endurance of 2 Sets of Batteries</u>	2 - 10 h (based on different requirements), able to be equipped with 4 sets of batteries
<u>Communication</u>	300 m visual distance (wireless), 100 m (cable)
<u>Expansion Interface</u>	CAN, RS232, Ethernet, power supply
<u>Max. arm Span</u>	1.6 m
<u>Waterproof Performance</u>	2 m
<u>Weight of Arm</u>	12 kg
<u>Lifting Capability</u>	5 kg (fully extended arm)
<u>Camera</u>	colorful low illumination (x 4), zoom controllable
<u>Degree of Freedom</u>	8 independent degrees of freedom; shoulder rotation: 360° continuous shoulder pitch: 160° elbow 1: 265° elbow 2: 259° griper rotation: 360° continuous griper extension: 180° camera rotation: 360° continuous camera pitch: 245°
<u>Image</u>	x 4
<u>Screen</u>	7 LCD, readable under direct sunshine
<u>Manipulation</u>	panel handle operation and controller of multi-degree of freedom
<u>Operation Time</u>	3 h
<u>Control Box</u>	portable control panel

EOD Robot



EOD Robot



▶ General Description

The portable Explosive Ordnance Disposal (EOD) robot system is used to carry out the explosive detection and disposal tasks in various hazardous environments, and it is widely used by police and anti-terrorism forces.

▶ Main Features

- Compact size, light weight, portable carry
- Flexible action and easy application in narrow spaces
- Modular design, easy replacement of assemblies

▶ Application Environments

- Field EOD tasks
- Anti-terrorism missions in buildings
- Inside aircraft cabins
- Inside the buses
- Nuclear radiation environments
- Toxic gas environments

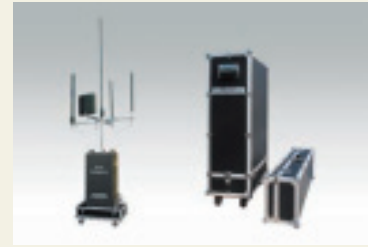
▶ Principal Data

<u>Overall Dimensions</u>	1,020 × 560 × 600 mm
<u>Weight</u>	about 70 kg
<u>Base Rotation</u>	± 90°
<u>Small Arm Pitch</u>	0 ~ 180°
<u>Big Arm Pitch</u>	0 ~ 180°
<u>Wrist Rotation</u>	0 ~ 360°
<u>Grasping Scope</u>	0 ~ 230 mm
<u>PTZ Camera</u>	bilateral high-brightness LED lighting, 10X optical zoom color CCD
<u>Front View/Grasping Camera</u>	Color CCD
<u>Rear View Camera</u>	Wide-angle color CCD
<u>Control Box Dimensions</u>	310 × 415 × 180 mm
<u>Platform Loading Capacity</u>	≥ 30 kg
<u>Arm Grasping Ability (Extended)</u>	3 kg
<u>Arm Grasping Ability (Folded in)</u>	8 kg
<u>Vertical Capturing Height</u>	1,350 mm
<u>Horizontal Capturing Height</u>	1,200 mm
<u>Chassis Height</u>	the minimum distance from the ground is 50 mm
<u>Continuous Working Time</u>	3 to 5 hours
<u>Obstacle Passing Capability</u>	210 mm high step or 35° slope
<u>Rotating Radius</u>	Spinning around
<u>Maximum Speed</u>	0.6 m/s (2 km/h)
<u>Control Box Weight</u>	about 8 kg

Portable Anti-Bomb Jammer
Type **MBB-200B**



Portable Anti-Bomb
Jammer
Type **MBB-200B**



▶ General Description

This device adopts new and unique signal jamming technology, which possesses independent intellectual property to interfere various existing remote-control signals and to prevent remote-control bombs from being activated (covering the frequency range from 20 MHz to 2,500 MHz), thus ensure the safety of high value assets.

▶ Main Features

- Good mobility;
- Multiple antenna integration structure makes the device be engaged in work quickly;
- Folding antenna bracket technology makes every antenna to work at a best radiation state;
- Local or remote operation mode can be selected based on actual environment, different frequency bands can be controlled independently by different switches;
- AC or DC power supply can be selected;
- Independent battery box connecting to main equipment can be charged on-board or independently;
- Low battery alarm alerts users to charge battery or switch to AC power.

▶ Principal Data

<u>Frequency</u>	20 ~ 2,500 MHZ (frequency of targets to be jammed)
<u>Effective Jamming Range</u>	100 m (typical value, depends on signal strength)
<u>Jamming Target</u>	toy remote control, car remote control, pager, handheld transceiver (walkie-talkie), CDMA, GSM, DCS, PHS, 3G, WIFI
<u>Power Supply</u>	AC 220 VAC, battery (internal)
<u>Continuous Working Hours</u>	> 8 hours (AC 220 V); 1 hour (battery, rechargeable)
<u>Main Equipment Dimension</u>	340 (length) × 200 (width) × 650 (height) mm
<u>Main Equipment Weight</u>	30 kg
<u>Number of Antennas</u>	5, integrated on a folding bracket, along with main equipment

On-Vehicle Anti-bomb Jammer

Type **MBB-200A/500A**



On-Vehicle Anti-bomb
Jammer Type
MBB-200A/500A



MBB-200A



MBB-500A

▶ General Description

The vehicle mounted anti-bomb jammers (MBB-200A, MBB-500A) adopt new and unique signal jamming technology, to interfere various existing remote-control signals and to prevent remote-control bombs from being activated to ensure the safety of high value assets.

▶ Main Features

- Integrated system design and flexible installation of antennas ensure the system to quickly function in operating mode;
- All components, including power supply, are installed in vehicle, which makes the system highly maneuverable;
- Different frequency bands can be controlled independently by different switches;
- Protection area moves with the vehicle to provide protection on the move.

▶ Functions

- Prevent remote-controlled explosives from being activated;
- Protect high value assets;
- Protect important sites such as bus/train stations, plazas, schools, mass gatherings, sports stadiums, etc.

▶ Principal Data

	MBB-200A	MBB-500A
<u>Frequency</u>	20 MHz~2500 MHz	
<u>Jamming Target</u>	explosives activated by signals from toy remote control, car remote control, pager, handheld transceiver (walkie-talkie), various cellular standards, WIFI	
<u>Jamming Range</u>	100 m	300 m
<u>Antennas</u>	5 omnidirectional	6 omnidirectional
<u>Continuous Working Hours</u>	> 8 hours (AC 220 V)	
<u>Power Supply</u>	AC 220V or DC 12 V / DC 24 V (through inverter)	
<u>Main Engine Weight</u>	20 kg	50 kg
<u>Main Engine Dimension (L × W × H)</u>	538 x 342 x 238 mm	500 x 450 x 560 mm
<u>Operating Temperature</u>	-10 ~ +50 °C	