

# PASO MD6300 METAL DETECTOR BATLION



**BORDER CROSSINGS AND TRANSPORTATION FACILITIES**



**SECURITY CHECKPOINTS AND CORRECTIONAL FACILITIES**



**GOVERNMENTAL BUILDINGS AND COURTHOUSES**



**BANKS AND HOTEL COMPLEXES**



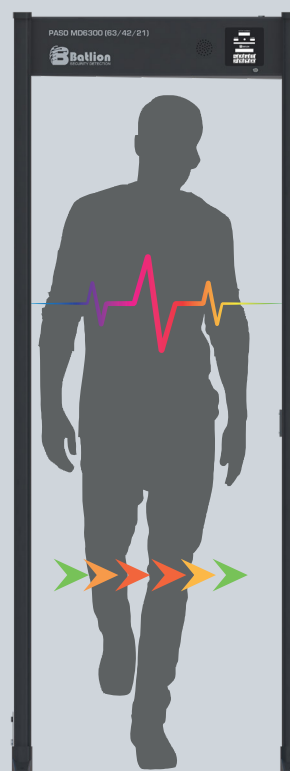
**CRUISE SHIPS AND CRITICAL INFRASTRUCTURE**



The PASO MD6300 (63/42/21) model has a high degree of localization of an object on the human body. It has the ability to detect both ferrous and non-ferrous metals, as well as the ability to synchronize up to 10 metal detectors located at a distance of 10 cm from each other. It can be configured to detect metal weighing from 2 grams of magnetic metal and 3.5 grams of non-magnetic metal.

The PASO series is distinguished by the highest accuracy of localization of an object or objects on the body or in the visitor's clothing. The models effectively detect non-ferrous and ferrous metals, alloys, cope with the search for prohibited items weighing 2 grams (magnetic metals) and 4 grams or less (non-magnetic metals). This series of products is in great demand for detecting small metal-containing objects that are material assets, as well as potentially dangerous dual-use metal items at checkpoints. The detection probability is at least 98%.

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**Innovation pulse technology**



**It has no direct analogues on the Russian market**



**Detection of ferrous metals from 1 gram**



**Detection of non-ferrous metals from 3.5 grams**



**Precise localization on the body**



**Increased number of induction coils**



**Up to 63 detection zones**

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The model has very high noise immunity to external devices with strong electromagnetic fields. An accessible control unit interface with an LCD monitor, a high degree of security, a universal scope of application, high sensitivity and noise immunity, a wide detection range, the ability to operate for 24 hours in intelligent mode with simultaneous sound and light alarm signals and excellent technical characteristics make this model the most popular among consumers.

## The metal detector does not respond

- Telephone
- Watch
- Car Keychains
- Keys
- Coins
- Tinsel on clothes

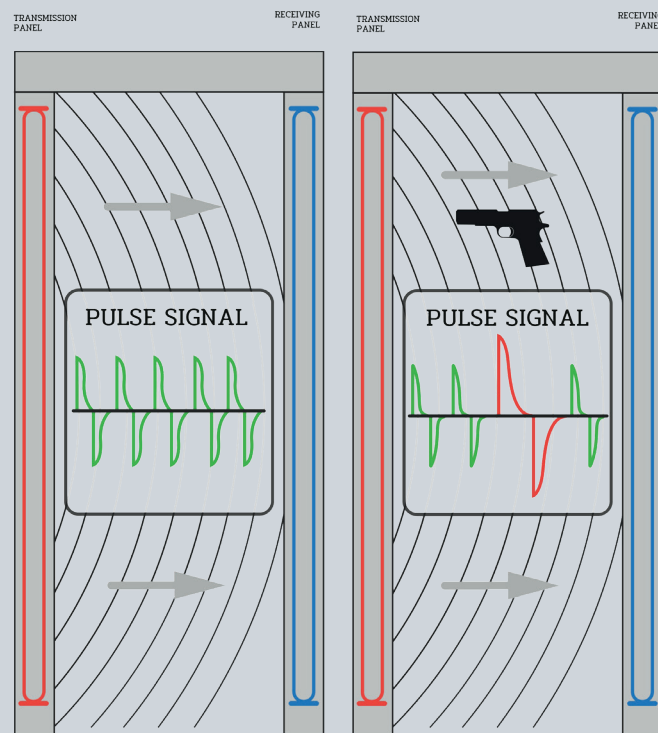


## The metal detector reacts

- Traumatic, gas, pneumatic weapons
- Cold Weapons
- Hazardous Metal Objects
- Explosives in a metal shell
- Ammunition and shells
- Firearms

## Operating principle

Metal detectors operate using radio waves. One of the walls (antennas) of the device sends a signal towards the other wall, which receives the signal and then returns it back. As is known, radio waves do not pass through metal objects. When encountering such an object located on the body of a person who passes through an arched metal detector, one of the radio waves is reflected from it and returns back faster than the other waves. The device records the time of signal reflection, and when the time interval changes, the alarm is triggered. A multi-zone metal detector has the ability to accurately determine the location of one or more metal objects on the human body, thereby reducing the inspection time.



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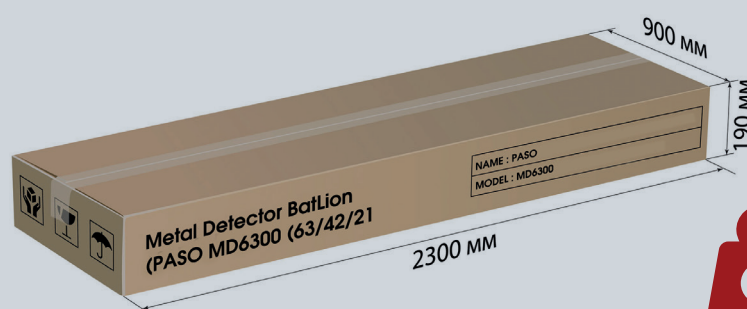
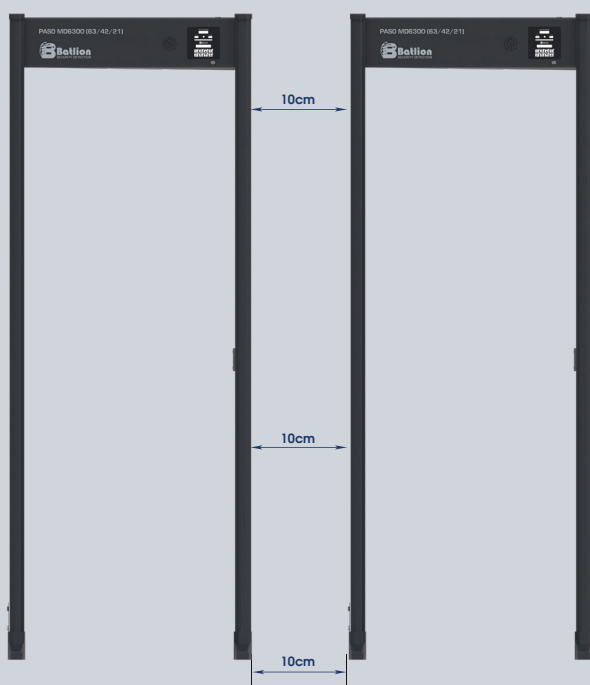
MD6300 PASO (63/42/21) is designed for use on the territories of various manufacturing enterprises, jewelry factories, at specialized exhibitions, warehouses and railway stations, laboratories and places of mass gathering of people.

# PASO MD6300 METAL DETECTOR BATLION



## Dimensions of the metal detector

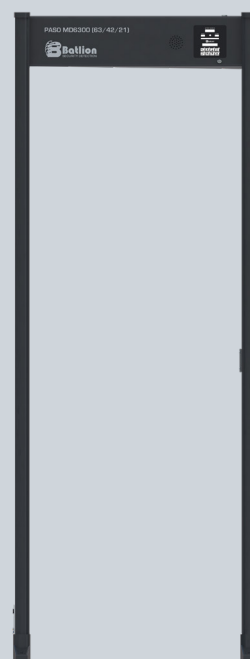
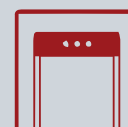
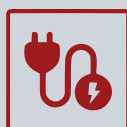
Metal detectors MD6300 PASO (63/42/21) are packed in a box. Transport packaging protects the equipment from damage that may occur during delivery of the goods to the client. Ensures the safety of the equipment's appearance during loading and unloading operations, transportation, storage, and fastening to vehicles.



GROSS WEIGHT  
74 KG

## The MD6300 PASO (63/42/21) kit includes:

- 1) power cable – 1 pc.;
- 2) fasteners for the control unit – 8 pcs.;
- 3) remote control for remote adjustment of the metal detector – 1 pc.;
- 4) battery for the remote control – 1 pc.;
- 5) control unit – 1 pc.;
- 6) crossbar – 1 pc.;
- 7) antenna panels – 2 pcs.;
- 8) keys – 4 pcs.;
- 9) power cable for the control unit – 1 pc.;
- 10) connection cable to the antenna panels – 2 pcs.;
- 11) instructions for use/technical passport – 1 pc.



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# PASO MD6300 METAL DETECTOR BATLION



## Integration into access control system

Due to the presence of an output for controlling actuators (dry contacts), PASO metal detectors can be integrated into an access control system.

Metal detectors can be installed in conjunction with airlock cabins, vestibule airlocks, turnstiles, tripods, automatic doors, full-height turnstiles and wickets.

When a person passes through a metal detector with an item prohibited for carrying, light and sound indication is triggered, information is transmitted via a wired connection to the turnstile (airlock cabin, automatic door, etc.), which blocks further movement of the person. If there are no items prohibited for carrying, the turnstile will allow access.



## Parallel operation

The metal detector MD6300 PASO (63/42/21) has the ability to use up to 10 units in parallel operation at a distance of 10 cm from each other. This equipment has 63 operating frequencies, due to which mutual interference of adjacent metal detectors is reduced and parallel operation is possible. It is recommended to set different values of operating frequencies for metal detectors located next to each other. The distance of parallel metal detectors depends on the sensitivity level and frequency combination. The minimum distance acceptable for operation is determined based on the conditions at the installation



# PASO MD6300 METAL DETECTOR BATLION



## Characteristics

|  |                                  |
|--|----------------------------------|
| • Series.....  | PASO                             |
| • Number of detection zones.....   | 63 ,42 ,21                       |
| • Passage width (mm).....  | 760                              |
| • Dimensions of passage (mm) LxWxH.....  | 590x760x2000                     |
| • External dimensions (mm) LxWxH.....  | 690x880x2200                     |
| • Package dimensions (mm) LxWxH.....   | 2300x900x190                     |
| • Net weight (kg).....   | 65                               |
| • Gross weight (kg).....   | 74                               |
| • Dust and moisture resistant housing coating.....                                 | Yes                              |
| • Protection class (IP).....   | 55                               |
| • Number of metal detectors in parallel use (number of operating frequencies)..... | 50                               |
| • Number of levels of adjustment of overall sensitivity.....                       | 60                               |
| • Independent sensitivity adjustment for each zone.....                            | Yes                              |
| • Sound alarm notification.....  | Yes                              |
| • Number of alarm tones.....   | 12                               |
| • Light signal alarm.....  | Yes                              |
| • Dimensions of passage (mm) LxWxH.....  | 2000x760x590                     |
| • Presence of LEDs in antenna panels.....  | Yes                              |
| • Number of standard programs.....   | 34                               |
| • Number of IR sensor response modes.....  | 4                                |
| • Pass counter.....  | Yes                              |
| • Maximum value of the pass counter.....   | 99999                            |
| • Alarm counter.....   | Yes                              |
| • Maximum value of alarm counters.....   | 99999                            |
| • Infrared (IR) analysis function.....   | Yes                              |
| • Selectivity.....   | Magnetic and non-magnetic metals |
| • Degree of object localization.....   | Accurate                         |
| • Non-volatile memory for storing settings.....                                    | Yes                              |
| • Self-diagnostic test mode.....   | Yes                              |
| • Throughput (persons/min).....  | 60                               |
| • LCD - display.....   | Yes                              |
| • Automatic counting of real alarms.....   | Yes                              |
| • Automatic counting of random alarms.....   | Yes                              |
| • Filter for eliminating low-frequency impulse interference.....                   | Yes                              |
| • Automatic sensitivity setting function in all zones simultaneously.....          | Yes                              |
| • Protection against mutual interference.....                                      | Yes                              |
| • Protection against vibration interference.....                                   | Yes                              |
| • Possibility of working with metal detectors of other brands.....                 | Yes                              |
| • Ability to synchronize multiple devices.....                                     | Yes                              |
| • Light board with STOP/GO symbols to regulate the flow of people.....             | Yes (international symbols)      |
| • Enhanced detection speed.....  | Yes                              |
| • Number of passwords to change settings.....                                      | 2                                |
| • Four-digit password.....   | Yes                              |
| • Control unit menu lock.....  | Yes                              |
| • Remote control.....  | Yes                              |
| • Increased noise immunity (minimum distance between models, mm).....              | 300                              |
| • Alarm output for controlling third-party equipment (dry contacts).....           | Yes                              |
| • Possibility of synchronization with PC.....                                      | No                               |
| • Power (W).....   | ≤ 15                             |
| • Voltage (V).....   | 240-110V/50Hz                    |
| • Operating temperature range.....   | from -20 to +60 °C               |
| • Autonomous work.....   | Yes, option                      |
| • Average service life.....  | 10 years                         |
| • Guarantee.....   | 1 year                           |