Arched
Metal Detector

B2scan SD1000

Application area:
designed for accurate detection of metal objects on the body and clothing of the person being inspected
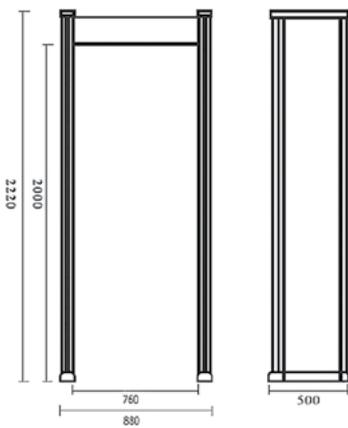
Technological features

- LED indication of detected items on the display of the control unit and side panels
- Adjustable number of detection zones – 6, 12 or 18 zones
- Sound and light alarm: adjustment of the length, volume and tone of the alarm
- Advanced broadband detection technology provides the required selectivity, allows you to work in the detection modes of mixed, ferrous or non-ferrous metals
- Automatic interference compensation
- Protection against false alarms
- Two-level protection against unauthorized access: The SOFTWARE is password protected, the control unit is locked with a key
- Safe for pregnant women and cardiac pacemakers
- Multi-level independent sensitivity adjustment. Ability to detect the paper clip at the maximum sensitivity level
- 72 pre-installed selective detection programs, the ability to create your own programs
- Passage width: 760 mm, optional up to 1000 mm
- The minimum distance between detectors: 0.3 meters without the sync cable
- Ability to connect power and Ethernet cables, left, right and top of the metal detector
- Stop/go Indicators on the front panel of the metal detector
- «Dry contacts» for connecting third-party equipment (turnstile, gateway, camera, etc.)
- 4 modes of operation of intelligent counters of passenger traffic and alarms
- «Anti-throw» mode
- Built-in uninterruptible power supply for 20 hours of battery life: optional
- SD card event logger: optional
- Computer control module: ability to connect to a computer via USB, Ethernet, Bluetooth
- Mobile application to control the metal detector from a smartphone or tablet
- Data transmission over a local network using TCP/IP protocols

- Information exchange with the system of technical monitoring results collection and control using a unified data transfer protocol and XML-based metadata format

- Mains voltage: AC100V ~ 242V, 50/60 Hz
- Signal frequency 7000-8999 Hz (adjustable)
- Power consumption: <20 W

Metal detector dimensions:

- Total gross weight: 70 kg
- External dimensions:
  2220 mm (h) x 880 mm (w) x 500 mm (d)
- Internal dimensions:
  2000 mm (s) x 760 mm (w) x 500 mm (d)
- Working temperature:
  -20 °C to + 55 °C