

**33 Zone Walk Through Metal Detector  
PROLINE UK 7033**



**FEATURE**

**Easy Self Assembly**  
The PR 7033 ( LCD, 33 zone ) modular design allows for a quick and easy assembly of its four Sub-assemblies using only eight screws and three internal electrical connections. This can easily be done in site.

**Detection Zones**  
There are 33 Distinct Detection Zones on the PR 7033 for full target coverage on the left, centre and right side of the body from head to toe. The sensitivity on the 6 vertical zones can be set individually to target any part of the body.

**Overhead Control Unit**  
The main control panel is housed in the overhead control unit and it houses the LCD display, alarm Lights, LED bar graphs and the control touch pads. All of the wiring, connections and electronics are Integrated into the overhead unit which is lockable for security. The control touchpad is also lockable to prevent any unauthorized access.

**Entry Archways**  
On the front of the archway on both legs are two traffic light style pacing lights and are internationally recognized symbols at an easy to view eye level and help to control any queues that may form.

**Multi-dimensional Coil Design**  
The PR 7033 is exclusive multi-dimensional coil design provides unmatched detection of potentially lethal metal items such as guns, knives and other flat and rod-shaped weapons regardless of location and orientation.

**Audible and Visual Alarms**  
There is an audible alarm as well as visual LED lights signal when a target has been detected. The Pinpoint lights on the back of the archway will show where on the body any offending object may be

**Touchpad Controls**  
The PR 7033 Access Control Panel is designed for use by authorized personnel with specific, multi-level security codes. It allows authorized users to change settings such as detection Program and Sensitivity. Security of the detector's settings is maintained with a non-resettable sequence code, which indicates every attempt at access to the settings. A tamper alarm sounds within 10 seconds after the Access Touchpad is pressed, unless a proper access code is entered. This can be backed up by the use of a key to operate the touchpad. The PR 7033 maintains all settings even when disconnected from power and does not require recalibration each time the unit is turned OFF and back ON. No battery is required for memory retention. While the unit is in operation, a self-test of all systems is performed continuously with any failures or problems immediately reported on the LCD display.

**SPECIFICATION**

**Operating Temperatures**  
-20°C to + 70°C; Humidity: To 95% non-condensing

**Power**  
Fully automatic 100 to 240 VAC, 50 or 60 Hertz, 5 watts; no rewiring, switching or adjustments required.

**Weatherproofing / Foreign Object Protection Standards**  
Meets IP 55, IEC Standard. "Degrees of Protection provided by Enclosures," IEC 529.

**Tamper-Proof**  
All settings are secured with a key lock and two levels of access codes. Further security is accomplished with a cabinet lock which prevents unauthorized access to physical cables, connectors and electronics.

**Control Outputs**  
Solid state switches (low voltage AC or DC) for operating external alarms and control devices.

**Traffic Counter**  
Counter tracks the number of patrons that have passed through the detector, the number of alarms and calculates alarm percentage.

**Synchronization**  
Dual channels and DSP circuitry allow several PROLINE UK 7033 to operate simultaneously in close proximity to one another.

**Interference Suppression**  
DSP built-in circuitry eliminates effects from x-ray monitors and other potential electrical interference sources.

**Programming**  
Sixteen (16) independent programs designed to meet all installation-specific requirements including the new TSA Enhanced Metal Detector (EMD) System requirements for airports.

**Alarms**  
Audible tone and volume adjustable. Bright LED visual alarm

**Target Pinpointing Lights**  
Thirty-three distinct zones are displayed with two independent columns of LED's located on exit side of the gate.

**Dimensions**  
(1) Overall sizes (mm): 2240 (height) x 900 (width) x 580(depth)  
(2) Size of alley (mm): 2240 (height) x 760 (width) x 580 (depth)



- PR-UK 7024 A - 24zone**
- PR-UK 7032 A - 32zone**
- PR-UK 7045 A - 45zone**

**Features**

Stable performance  
24 zones (Optional: 33zone or 45 zone)  
MBSU backup battery  
Mix distance between two Walk-thru:0.3 meters at low sensitivity, 0.5meters at high sensitivity  
Harmless to pregnant woman and heart pacemaker

**Standards & Certificates**

- **ISO9001 • ISO14001 • HSMS18001 • CE**
- Certificate from Ministry of Public Security Safety and Police Electronic Products Quality Inspection Center
- In accordance with:  
**EN60950, WN50081-1, EN50082-1**
- Electric safety: EN60950
- Anti-interference standard: EN50082-1
- Updated DSP technology, automatically calibration
- Four LED lights(front and back), LCD display
- Operation by remote control

**Technical specification**

- Electrical current: AC100V~240V 50/60Hz
- Power: 35W
- Work environment: -20°C~+45°C
- Gross Weight: 80kg
- Outer frame: 2210mm x 880mm x 600mm
- Inner frame: 2010mm x 760mm x 600mm

**Characteristic**

- Self-diagnostic procedures
- Input MBSU battery backup, in time power transfer
- Modular structure easy for after sales service
- Automatically adapt to the working environment
- Auto scan environmental interference at site
- LCD friendly operation interface for user
- Automatically calibration
- Operation way: remote control
- Two or four LED light bars on both door panels: gives alarm corresponding to the height or human body.
- Detect zone: free to change as single zone, 8 detect zone, 16 detect zone, 24 detect zone
- Sensitivity adjustable from Level 0 to 300
- High: Can detect a clip
- Low: Detect big metal articles such as: knife, gun, and copper, aluminums, zinc (more than 150g), ignoring metal in belt button, shoes.
- Shock proof to avoid false alarm
- Sound and light alarm
- Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.
- Tamper-Proof: operate program is protected by password.
- Adjustable operating frequencies---eliminate the potential effects from X-ray units, radios and other electrical interference sources.
- (Optional)Connect with computer, camera, turnstile,etc