



Security Defence Systems

Plot No. 50, DIC, Industrial Area , Baddi, Solan (H.P)

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PORTABLE DOOR FRAME METAL DETECTOR D-2014



MODEL : D-2014

General Specifications

PDFMD detects any type (Ferrous/non-Ferrous) metal devices.

1. Frame structure is telescopic with clutch locking made from high quality ultra polyvinyl carbonate and coupler is made of unbreakable plastic.
2. Frame pipe diameter is 75mm in bottom, 63mm & 50mm in middle and 40mm of upper in telescopic manner and pipe thickness minimum of 3mm.
3. Frame size (Minimum) Width: 700mm, Height: 1900mm
4. Frame base is of finished soil wood
5. Visual walk stop digital display and the control unit is on the frame and all the wires are concealed inside the pipe frame. Only single multistrand wire for search coil is running inside the pipe structure. No separate wires for the IR sensors. No separate briefcase is required for the control unit. The control unit & walk stop house in single case is placed on the top of the frame.



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Technical Specifications

1. Control unit has microcontroller based technology.
2. Device worked on input 90 to 270 V AC/50Hz and has protection against accidental over voltage.
3. Initial setting time (start-up time) is within 60 seconds.
4. System is auto set; system gets returned in case any big metal is brought near the DFMD search coil.
5. Auto rest time is minimum for next entrants.
6. It is auto reset type when any other make PDFMD installed at 100 cm range.
7. Visual digital display unit is of LCD 20x4 type.
8. Sensing of metal display LED bar graph on front panel.
9. Control unit and frame are interchangeable with each other.
10. PC Connectivity with software.
11. Remote control for setting the DFMD in addition to setting from the control unit.
12. Minimum 5 digit traffic counter with in-out and net in feature to be provided.

Sensitivity

1. Sensitivity is adjustable for user.
2. Sensitivity threshold level is adjustable.
3. Low sensitivity up to level 3 (Ferrous/non-Ferrous).
4. Mid sensitivity up to level 3 (Ferrous/non-Ferrous).
5. High sensitivity up to level 3 (ferrous/non-Ferrous).
6. It detects ferrous/non-ferrous metal at any corner of the frame.

Battery Supply

1. Battery is maintenance free type
2. Battery lasts at least 20 hours on any location with full charge.
3. Battery charging and low battery indication on control unit.

Audio-Alarm

- 3 tone audio of various types of metal sensing

Packing

- The entire system fits into a briefcase of not more than 27 inches with foam cutting inside.