

IMPORTANT FACTS TO KNOW BEFORE PURCHASING A DOOR FRAME METAL DETECTOR (DFMD)

To ensure the right equipment is selected for your application, please note the following:

1. Not All Metals Are Detected Equally

Detection performance varies depending on the type, size, shape, quantity, and position of the metal object. Ferrous metals such as iron and steel are generally detected more strongly because of their magnetic properties. Non-ferrous metals such as copper, aluminium, brass, gold, and silver may require larger sizes or higher sensitivity settings for reliable detection.

2. Higher Sensitivity Can Increase False Alarms

Increasing sensitivity may help detect smaller items but can also result in more nuisance alarms depending on the installation environment.

3. Installation Location Affects Performance

The operating environment plays a crucial role in detector performance. Nearby metal structures, reinforced concrete, electrical equipment, generators, elevators, and other sources of interference can impact detection accuracy.

4. Define What You Need to Detect

Please specify the items you wish to detect (weapons, mobile phones, copper wire, aluminium parts, tools, etc.) before finalizing the equipment.

5. Sample Testing Is Recommended

The most reliable way to evaluate performance is by testing the detector with actual samples relevant to your application.

Our Recommendation

Before finalizing a purchase, discuss your specific security objectives with our team. We can recommend suitable equipment, configure appropriate sensitivity settings, and conduct sample testing to ensure the selected solution aligns with your operational requirements.

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