

NUCTECH™ MW1000AA

Body Inspection System



Introduction

NUCTECH™ MW1000AA is a high-performance, efficient people screening solution designed and made by NUCTECH. Without physical “pat down”, MW1000AA can quickly screen passengers using safe millimeter wave technology to automatically detect concealed objects.

The NUCTECH™ MW1000AA requires a single stationary position during a 2-second scan. No special movements are needed.

The NUCTECH™ MW1000AA is featured for its compactness, high throughput and unique privacy protection. It is adaptable and suitable for personal security inspections at civil aviation, customs, stations, secret agency, commercial building, military base, event/meeting and other checkpoints.

Technology Features

Safe technology

Millimeter wave power emitted during scan is 1/1000 of a mobile phone. It is not ionizing and is therefore safe for people screening applications.

High throughput

Complete one inspection within 2 seconds.

Multi-mode automatic detection

Locate and highlight concealed threats automatically, offer an upgradeable technology platform that can be enhanced through software updates as new threats emerge.

Privacy protection

Equipped with image privacy filtering function, protect people’s privacy.

Superior inspection capability

Fast and easily detect contraband objects hidden under clothing, including but not limited to: metal/non-metal weapons, explosives, liquid, plastics, powders, drugs, money, jewelries, mobile phones, etc.

Compact structure

Small footprint for efficient installation (1.4m x 1.6m); field re-installation not required; wheelchair allowed.

Practical software

Provide user management and training functions; compatible with remote operation, centralized management and mobile inspection.

Convenient maintenance

Modular product design, key components are easy to repair and replace, save time and labor.



Technical Specifications

General Specification

Inspection mode	Non-contact
Scan time	2s
Throughput	400 p/h
Standard operator number	1
Imaging capabilities	Metal/non-metal weapons, explosives, drugs, liquids, etc.

Imaging Processing System

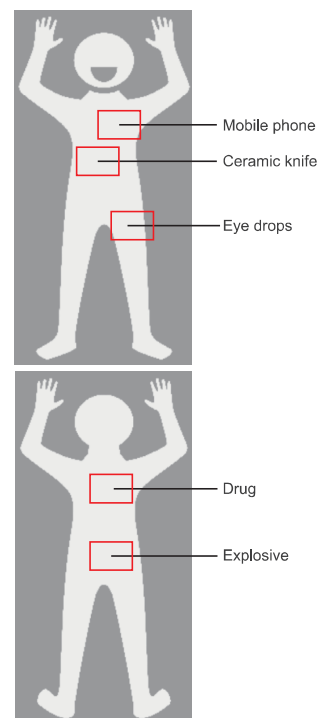
Automatic threat recognition	Yes
Privacy protection	Yes
Image processing (optional)	Contrast & brightness adjustment, reverse, pseudo color, etc.

Installation Data

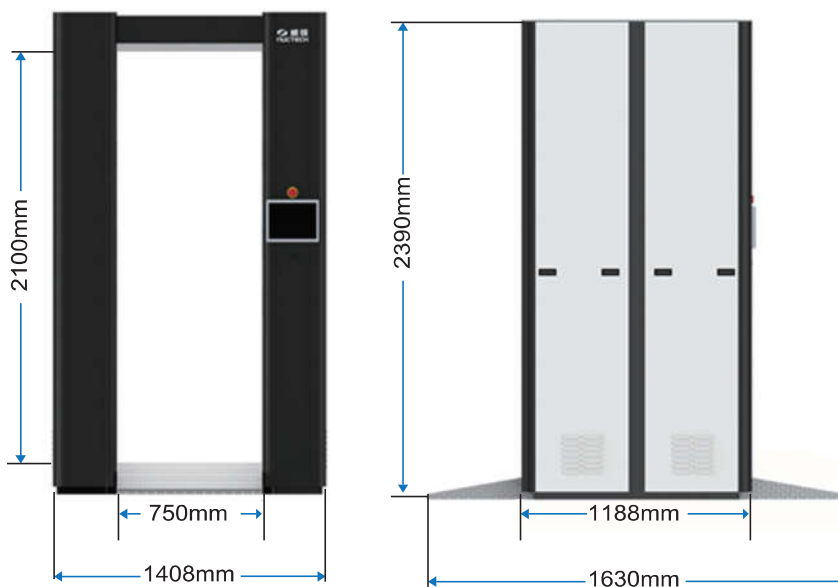
System dimensions	2390 mm (H) × 1408 mm(W) × 1630 mm (D)
Tunnel dimensions	2100 mm(H) x750 mm(W) x1188 mm(D)
Weight	600Kg
Power supply	220V(±10%) 50 Hz
Power consumption	1.7 KVA (Peak)
Operating temperature/Humidity	0°C~+40°C,0%~93% (non-condensing)
Storage temperature/Humidity	-20°C~+55°C,0%~93% (non-condensing)

Advanced Function

Optional feature	Remote control, centralized detection & management, mobile inspection etc.
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Dimensions



Front view | side view