



General specifications

Millimeter Wave Body Scanner MatriXcope MTC-BS803XPRO	
Interface	Single side power port, double RJ45 ports, distinguish between internal network and external
Display	29 inch LCD dual screen both in the front and rear
Image Processing(Optional)	Support brightness & contrast adjustment, scaling, inverse, and pseudo-color, etc.
Optional Functions	Platform management server, remote image processing workstation, manual inspection station, image viewer.
Detection Time	≤4 s
Spatial Resolution	3 mm
Line Resolution	2 mm
Inspection Posture	Standing naturally with arms hanging down and slightly apart
Detectable Item Categories	Metal/non-metal, weapons, knives, liquids, powders, explosives, fire sources, large amounts of cash, etc.
Throughput	700 people / hour
Scan Time	≤2 s
Inspection Method	Non-contact
Storage Environment	Storage temperature: -20 to 60 °C Relative humidity: 95% No condensation
Operating Environment	Operating temperature: -5 to 45 °C Relative humidity: 95% No condensation
Power Consumption	900W (Rated)
Power Supply	AC 220-230V , 50/60Hz
Weight	600 kg
Tunnel Size	2150 mm (H) × 750 mm (W) × 1275 mm (L)
Dimensions	2436 mm (H) × 1325 mm (W) × 1500 mm (L)

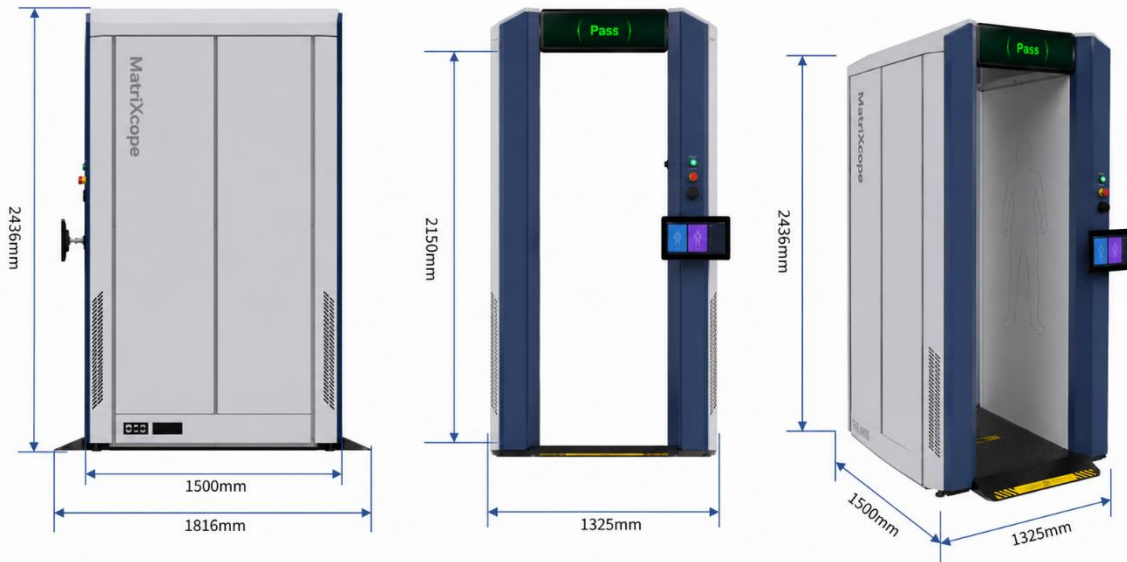


Product Highlight

- **Comfortable and Safe:** The person being scanned stands naturally with arms hanging down and slightly apart, pauses briefly, and feels at ease. The millimeter wave is reflected by the skin and cannot penetrate the body with no ionized radiation. So it is totally safe for children, pregnant women, people with stent and other electrical medical devices, and the elderly.
- **Accurate and Reliable:** Detection resolution can reach 2 mm. Location and shape of the concealed items can be displayed with high accuracy. With the deep learning intelligent detection algorithm, the system can detect various of metallic/non-metallic items, such as guns, knives, tinder, explosives, narcotics, cash, luxury goods, etc.
- **Fast and Efficient:** A full scan can be completed in 2 seconds, with a throughput rate of up to 700 people per hour.
- **Privacy Protection:** The operator performs the scanning according to the sex of the person being inspected. Only cartoon images are generated to show the alarm area and displayed on the local screen together with the alarm positions.



Dimension



Optional Accessories

