



Anritsu



Optimized Design for Large-Packaging Products —

X-ray Inspection System

KD7447DW / KD7447DWE



New!

Best Suitable for Large Trays, Cartons and Bags !

Metal Detection down to 0.4mm Dia. (KD7447DW)

External Dimensions

Stable Detection of Low-Contrast Contaminants and Soft Contaminants (KD7447DWE)

● Expanded Inspection Range

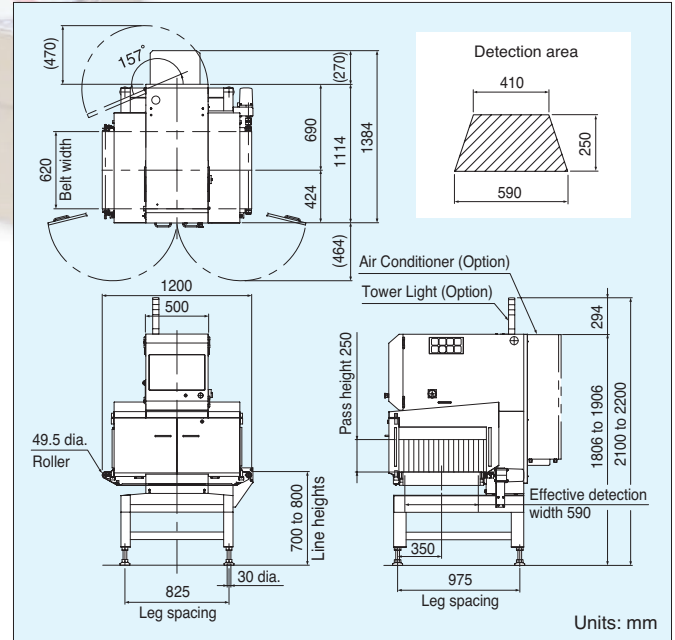
The maximum detection width of 590 mm for primary packages to distribution packages. Multi-lane inspection is available.

● Easy Automatic Wizard for Excellent Detection Performance

Any operator can easily obtain optimum settings just by following the graphical wizard.

● Ethernet and USB Interfaces Equipped as Standard

Image as well as statistics data are automatically saved and managed through USB output and Ethernet. QUICCA is available as client software.



Specifications

Model	KD7447DW	KD7447DWE
Detection sensitivity ^{Note 1}	Fe sphere and SUS sphere 0.4 mm dia.	Fe sphere and SUS sphere 0.5 mm dia.
X-ray output	Tube voltage 25 to 80 kV, Tube current 0.3 to 10.0 mA, Output 7.5 to 350 W	
Safety	X-ray leakage: Maximum 1 μ Sv/h or less, Prevention of X-ray leakage by safety devices	
Display	15-inch Color TFT LCD (unified image monitoring screen and operation screen)	
Operation method	Touch panel	
Product size ^{Note 2}	Maximum width: 590 mm, Maximum height: 250 mm (Detection area is shown above)	
Belt width	620 mm	
Masking function	Equipped as standard	
Missing product detection function	Equipped as standard	
Clip check function	Equipped as standard	
Preset memory	Maximum 100	
Belt speed ^{Note 3}	10 to 35 m/min, Maximum 50 kg	
Maximum product weight ^{Note 4}	10 to 40 m/min, Maximum 30 kg (However, in an environment where water or oil regularly splashes the equipment, the maximum is 20 kg.) 25 to 50 m/min, Maximum 20 kg (Option)	
Power requirements ^{Note 5, Note 6}	100 to 120 Vac \pm 10%, or 200 to 240 Vac \pm 10%, single phase, 50/60 Hz, 1 kVA, rush current 80 A (typ.) (5 ms or less)	
Mass	450 kg	
Environmental conditions ^{Note 7}	Temperature 0° to 35°C (0° to 40°C with optional air conditioner), relative humidity 30% to 85%, non-condensing	
Protection class	IP66 Compliance (for conveyor), IP40 Compliance (for other parts), Tool free belt removal	
Exterior	Stainless steel (SUS304)	

Note 1 : Actual sensitivity depends on the physical properties of products (contents and shape) and on the environmental conditions.

Note 2 : The entrance and exit may require covers depending on the length of a product.

Note 3 : Variable depending on Product No.

Note 4 : Sum total of product weight on the conveyor.

Note 5 : Selectable by switching terminals. Note that the rush current shown above is at an AC voltage of 200 V. It varies according to voltage.

Note 6 : Installing the air-conditioner option changes the displayed power consumption.

Note 7 : The air-conditioner option may be required depending on the operating environment.



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ISO 9001 CERTIFICATE No..JQA-0566

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- Follow the local laws and regulations regarding the installation and use of X-ray Inspection Systems.
- In addition to daily inspection, an annual maintenance check should be carried out.
- To ensure proper operation, read the Operation Manual before using the machine.

Specifications are subject to change without notice.

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