

Anritsu



Best Suitable for
Bone Fragment Detection in Meat —

Dual Energy

X-ray Inspection System

KD7416DWZ

New!

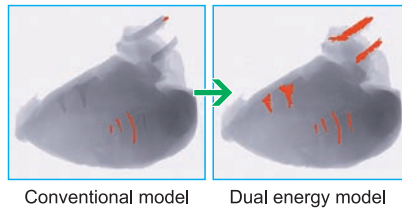
 **DUAL
ENERGY**

Greatly Enhanced Sensitivity for Bone Fragments in Meat

The state-of-the-art technologies provide superior detection of hard-to-detect thin, low-density bones.

For detection of wish bones, fan bones and scapula bones of poultry

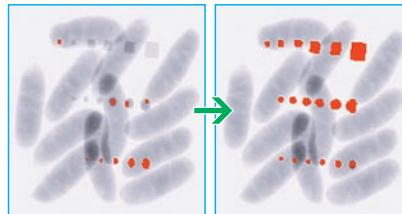
Dual sensor technology and unique image processing algorithms enhanced detection sensitivity to previously unattainable levels.



Conventional model Dual energy model

For inspection of deboned meat products

Performs reliable and accurate inspection of overlapping and randomly oriented meat products without negative effects.

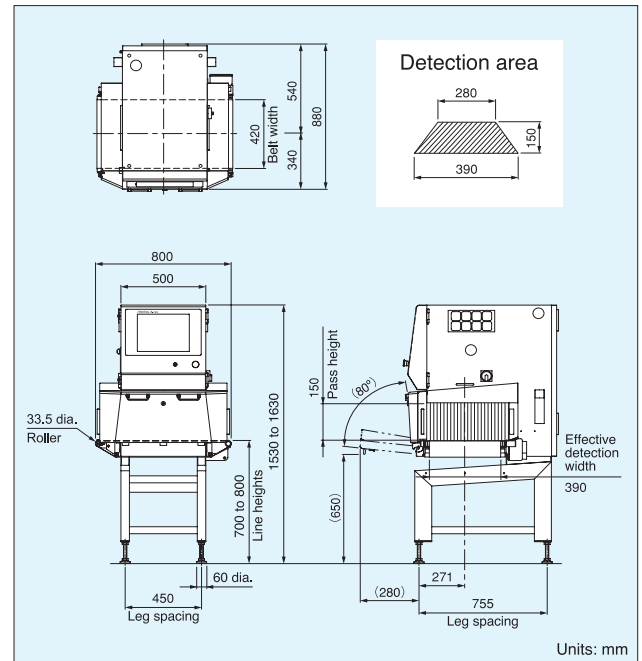


Conventional model Dual energy model

[Application]



External Dimensions



Units: mm

Specifications

Model	KD7416DWZ
X-ray output	Tube voltage 25 to 80 kV, Tube current 0.5 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 1}	Maximum width: 390 mm, Maximum height: 150 mm (Detection area is shown above.)
Belt width	420 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 2}	5 to 60 m/min, Maximum 5 kg
Maximum product weight ^{Note 3}	5 to 40 m/min, Maximum 10 kg (Option)
Power requirements ^{Note 4, 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	280 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 : The entrance and exit may require covers depending on the length of a product.

Note 2 : Variable depending on Product No.

Note 3 : Sum total of product weight on the conveyor.

Note 4 : 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 5 : Installing the air-conditioner option changes the displayed power consumption.

Note 6 : Allowable power fluctuation range is \pm 10%

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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