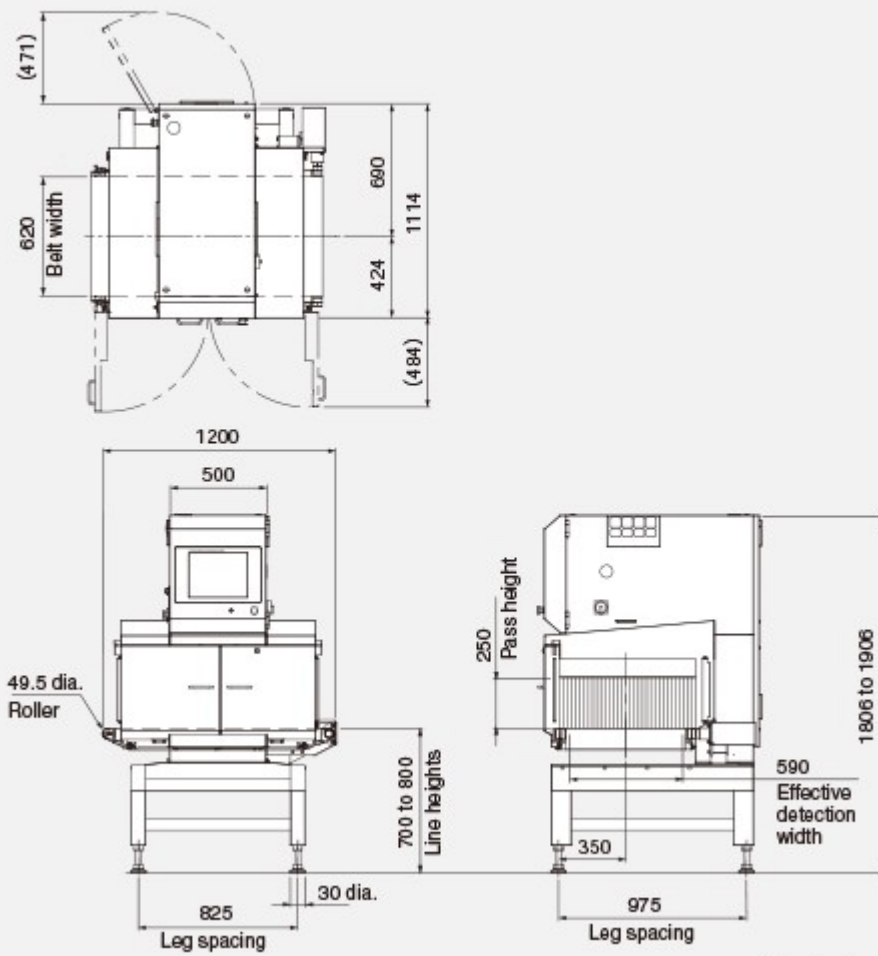


KD7447DW



Units : mm

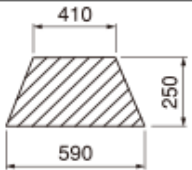
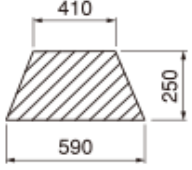
External Dimensions

Model	KD7447DW
Detection sensitivity ¹	Fe sphere and SUS sphere 0.4 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 (with touch buzzer)
Product size ^{2, 3}	Maximum width 590 mm, maximum height 250 mm (see drawing for detection area)
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 ⁴ / Maximum product weight ⁵	10 to 35 m/min, maximum 50 kg
	36 to 40 m/min, maximum 30 kg ⁶
	25 to 50 m/min, maximum 20 kg (optional)
Power requirements ^{7, 8, 9}	100 to 120 or 200 to 240 Vac, single phase, 50/60 Hz, 1.0 kVA, rush current 80 A (typ.) (5 ms or less)
Mass	450 kg
Environmental conditions ¹⁰	Temperature: 0° to 35°C (0° to 40°C with optional air conditioner), relative humidity: 30% to 85%, non-condensing
Protection class	Conveyor IP66, other parts IP40, tool free belt removal
Exterior	Stainless steel (SUS304)

1: Actual sensitivity depends on the physical properties of products (contents and shape) and on the environmental conditions. 2: The entrance and exit may require covers depending on the length of a product. 3: Pass height of 350 mm is available as an option. 4: Variable depending on Product No. 5: Sum total of product weight on the conveyor. 6: In an environment where water or oil regularly splashes the equipment, the maximum is 20 D. 7: Allowable power fluctuation range is $\pm 10\%$. 8: Selectable by switching terminals. Note that the rush current shown above is at an AC voltage of 200 V. It varies according to voltage. 9: Installing the air-conditioner option changes the displayed power consumption. 10: The air-conditioner option may be required depending on the operating environment. Note: The noise level of KD7447DW/KD7447DWE does not exceed 70 dB(A). The noise level of KD7447FWE is 72 dB(A).

Detection Areas

A variety of models is available for a wide range of products. For details of detection areas, please submit an online inquiry form.

Model	Detection area
KD7447DW/DWE	 <p>For Packaged Products</p>
KD7447FWE	 <p>For Packaged Products</p>