

# Pipe-type X-ray Inspection System

For Detection of Contaminants in Pumpable Products



**XR75**

# Designed to optimize detection of metal, glass, stone and bone in pumpable products.

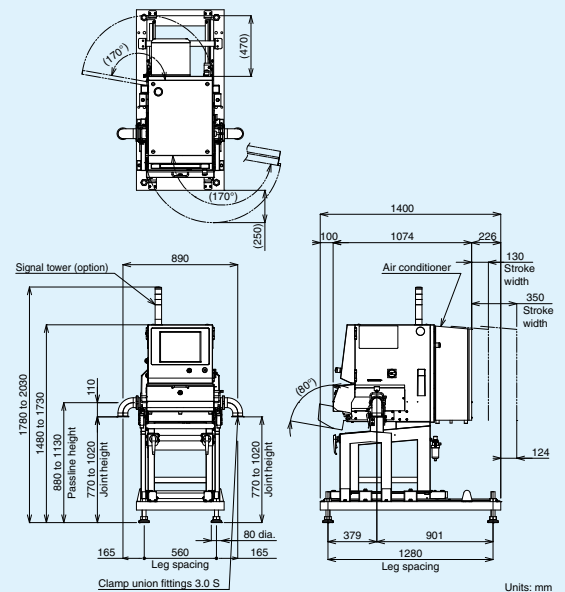
## Features

- Continuous inspection of fluid, semi-solid products flowing in the pipe  
Poultry trim, 1st grind pork, soups, jams, jellies, pet food, etc.
- Detection of bone, metal, stone, glass, plastic and rubber
- Simple operation and product set up
- Compliance with CIP, SIP cleaning  
CIP with caustic 5% for 15 minutes at 80°C, SIP with 150°C steam for 15 minutes
- Simple contaminant test feature (Patent pending)
- Variable X-ray power by recipe
- Polished stainless steel
- Easy system slide mechanism for detection calibration standard



## External Dimensions

KXS7522AWCLE-237350A



Units: mm



## Specifications

Model	KXS7522AWCLE-237350A
Safety	X-ray leakage maximum 1.0μSv/h or less, prevention of X-ray leakage by safety devices
Display	15-inch color TFT LCD
Operation method	Touch panel
Product size Products: solids in fluid	12 mm or smaller (less than 1/3 of the minimum height of the inspection system)
Product temperature	-5°C to 95°C
Transfer pipe dimension	3-inch (76.2 mm) in diameter
Inspection section pass height	35 mm (fixed)
Position change at sensitivity adjustment	Main unit position change (pipe position fixed)
Preset memory	200
Processing capacity (flow)	11.0 kL/h (180 L/min) Pipe limit pressure 0.69 MPa
Power requirements <sup>1, 2</sup>	100 Vac to 120 Vac or 200 Vac to 240 Vac, single phase, 50/60 Hz, 1.2 kVA, rush current 100 A (typ.) (40 ms or less)
Mass	340 kg
Air requirement	0.4 MPa to 0.5 MPa, 230 L/min (A.N.R), dry air 230 L/min (A.N.R)
Air inlet	Tube having outer diameter of 8 mm
Environmental conditions	Temperature: 0°C to 40°C, relative humidity: 30% to 85%, non-condensing
Protection class	IP66 <sup>3, 4</sup> for product transfer section, IP40 <sup>5</sup> for other sections
Exterior	Stainless steel (SUS304)
Cooling system	Air conditioner (standard equipped)

1: Allowable power fluctuation range is  $\pm 10\%$ . 2: Selectable by switching terminals. Note that the rush current shown above is at an AC voltage of 200 V. It varies according to voltage.

3: Waterproof protection class is equivalent to IPX6. 4: Dustproof protection class is equivalent to IP6X excluding negative pressure condition. 5: Waterproof and dustproof protection class is designed in accordance with IEC60529.



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ISO14001, ISO9001 Certified

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• To ensure proper operation, read the Operation Manual before using the machine.

• In addition to daily inspection, an annual maintenance check should be carried out.

Specifications are subject to change without notice.

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