For Specific Applications Pipe type

KD74 series Sp



KD7483AFWH
Air conditioner is equipped as standard.

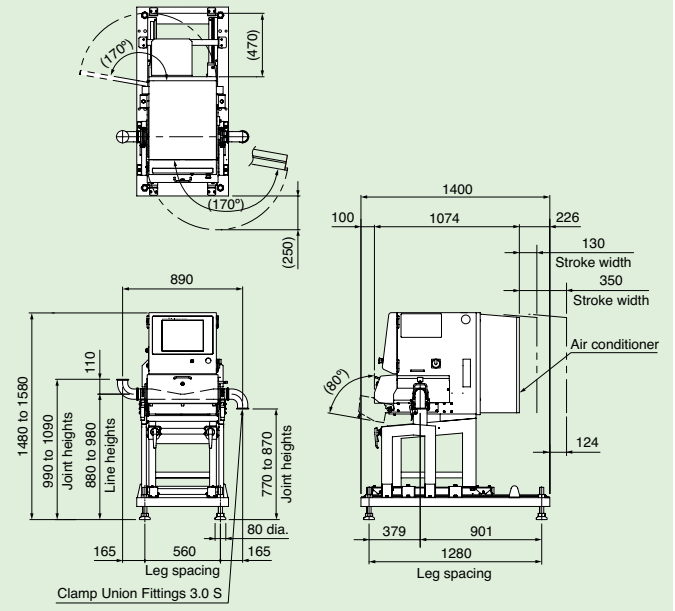
For Pumped Products

KD7483AFWH

Solids in fluid
Product size: 12 mm
(Less than 1/3 of the minimum height of the inspection section)

External Dimensions

KD7483AFWH



Units:mm

Specifications

Model	KD7483AFWH
Detection sensitivity [1]	Fe sphere and SUS sphere 0.6 mm dia. (when only water is conveyed)
X-ray output	Tube voltage 25 to 60 kV, tube current 0.3 to 7.0 mA, output 7.5 to 210 W
Safety	X-ray leakage maximum 1 μSv/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 Product: solids in fluid	12 mm or smaller (less than 1/3 of the minimum height of the inspection section)
Transfer pipe dimension	3-inch (76.2 mm) dia.
Inspection section pass height	35 mm (fixed)
Position change at sensitivity adjustment	Main unit position change (pipe position fixed)
Preset memory	Maximum 100
Processing capacity (flow)	11.0 *kℓ*/h
Power requirements [2, 3]	100 to 120 or 200 to 240 Vac, single phase, 50/60 Hz, 1.6 kVA, rush current 80 A (typ.) (5 ms or less)
Mass	340 kg
Environmental conditions	Temperature: 0° to 40°C, relative humidity: 30% to 85%, non-condensing
Protection class	Product transfer pipe IP66, other parts IP40
Exterior	Stainless steel (SUS304)
Cooling system	Air conditioner (standard equipped)

1: Actual sensitivity depends on the physical properties of products (contents and shape) and on the environmental conditions. 2: Allowable power fluctuation range is ± 10%. 3: 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: The noise level of x-ray inspection systems is 71 dB(A).