

Integrated Type Metal Detector & Checkweigher WCM-63A Series

A&D
A&D Inspection

Metal Detector & Checkweigher in One Conveyor

Ideal for Heavy Products



Boxes



Bags



Bundles



Features

- ✓ Stable inspection performance and user-friendly operability are achieved by integrating A&D's Metal Detector and Checkweigher.



- ✓ Its space-saving design allows easy replacement of existing inspection systems without redesigning your production line.

※ Compared to our existing models

Metal Detector & Checkweigher
2200 mm



Integrated Type
1000 mm

- ✓ By performing metal detection and checkweighing not only during packaging but also before shipment, the risk of contaminants and missing items can be significantly reduced.

Applications

- ✓ Quality inspection of rice, grains, flour, feed, and similar products
- ✓ Pre-shipment inspection of shipper cartons, containers and big bags for metal contaminants and weight
- ✓ Acceptance inspection of raw materials



Specifications

Made-to-build order

Model	WCM-63A-15K	WCM-63A-30KS
Capacity	15 kg	30 kg
Readability	1 g	5 g
Accuracy (3 σ)* ¹	1.2~3.2 g	10 g~
Max. throughput* ¹	40 pcs/min	20 pcs/min
Conveyor belt width	350 mm	500 mm
Conveyor belt speed	10/20/30/40 m/min* ²	10~30 m/min* ³
System length	1,000 mm	1,500 mm
Max. pass height* ⁴	140 or 220 mm	
Max. product length	700 mm	750 mm
Max. product width	350 mm	350 mm
Dust/waterproof performance	Equivalent to IP30	
Number of registrable products	1,000 products (10 groups \times 100 products)	
Operation temperature / Humidity range	0 to 40°C / Humidity 85% or less (with no condensation)	
Power supply* ⁵	Single phase AC 100, 200 V or 220V (+10% / -15%), 50 / 60 Hz	

*1 Depends on the shape and the condition of the product and installation environment.

*2 The belt speed is adjustable in four steps.

*3 The belt speed is fixed at the delivery setting.

*4 Please specify the pass height when placing your order.

*5 Please advise the required voltage when placing your order. A&D can provide customized systems for other voltages.



Discover Precision

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