

Metal Detector AD-4971 Series



Capable of detecting metal contaminants in products, this system contributes to the delivery of safe products to customers.



- Protected from dust and water to IP65 standards.
- Hygienic design with the entire system washable.
- Suitable for use in HACCP program.
- Automatic sensitivity setting function.
- Easy operation with 7 inch color touch panel.
- Variable belt speed of 10-60m/min.
- Standard Ethernet I/O allowing easy networking via LAN.
- Inspection history function with the ability to record 100 inspection results in the internal memory. Capacity can be increased by using USB memory.
- Cleaning and maintenance is simple with a detachable conveyor belt.

Wheels and stainless steel cabinet options are sold separately.



The display utilises a high visibility touch panel color LCD with user friendly Graphic User Interface (audio guidance support function included).



Product images can be quickly uploaded to the metal detector from USB memory, making product identification and upload fast and simple.



USB memory



Products can be divided into 10 different groups, with up to 100 products able to be recorded within each group.



Equipped with Modbus RTU/Modbus TCP as standard. With Modbus communication, seamless connection can be easily achieved.



Operations such as stopping and starting inspection, collecting data and changing product can all be set from an external device.



LCD screen



Touch panel PC

Ethernet

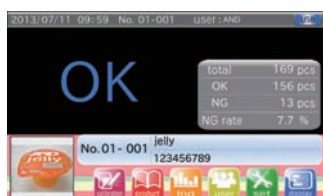


AD-4971 Metal Detector



AD-4961 Checkweigher

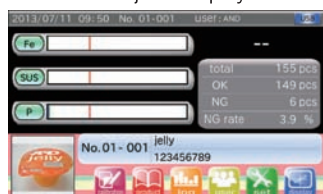
Display example



Normal display



Lissajous display



Bar graph display

Specifications

Model AD-4971 Series

Aperture size	Width	350mm		
	Height	100mm	170mm	250mm
Detection Sensitivity	Pass height	80mm	150mm	230mm
	Fe	φ0.3mm	φ0.5mm	φ0.7mm
	SUS	φ0.8mm	φ1.0mm	φ1.5mm
Dust / water resistance specifications		IP65 compliant		
Touch Panel		○		
2D graph display		○		
Menu with graphic display		○		
Audio guidance for operation		○		
Supports Modbus		○		
FTP server function		○		
History can be recorded in USB memory		○		
Accessibility to I/O box		○		
Maintenance		Gear drive system		
PLC interface(standard feature)		Modbus RTU/Modbus TCP, FTP server function(LAN), Relay output/Universal input		
External input		Non-voltage contact input 4 points		
External output		Relay output 8 points		

Optional SUS 304 control cabinet available

Modbus is a registered trademark of AEG Schneider Automation International

**Important note: Test samples, Fe and SUS 304, were set on the centre of the conveyor. Detection sensitivity will change depending on product and environmental conditions.*

Local Distributor:

Perth Scale & Slicer Service

Unit 1, 195 Bannister Road
Canning Vale WA 6155
PH: 08 9256 2544
Web: <http://www.perthscale.com.au>



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ACN 26 007 556 809

Head Office
32 Dew Street
THEBARTON South Australia 5031
Telephone (08) 8301 8100
Facsimile (08) 8352 7409

Victorian Office
39 Bakehouse Road
KENSINGTON Victoria 3031
Telephone (03) 9371 1555
Facsimile (03) 9372 1193

New South Wales Office
Unit 4, 14 Abbott Road
SEVEN HILLS New South Wales 2147
Telephone (02) 9674 5466
Facsimile (02) 9674 2544

sales@andweighing.com.au
www.andweighing.com.au

