

AZANO METAL DETECTOR

The new generation in metal detecting technology

Introducing the **AZANO Metal Detector** presenting a completely new design in high sensitivity metal detectors. The **AZANO Metal Detector** provides outstanding sensitivity, accuracy, stability and precision product-effect-compensation.

The **AZANO Metal Detector** features the latest four channel DDS (direct digital synthesizer) and DSP (digital signal processor) technology. These technologies provide outstanding product-effect compensation. High processing speed, DDS and DSP makes the **AZANO Metal Detector** the leader in digital metal detection.

Digital balance levels control temperature and humidity influences. Auto calibration enables fast and easy set-up. Digital frequency & phase control helps avoid any drifts. Once calibrated set-up is maintained and there is no need for re-calibration. Digital noise filters eliminate undesirable signals such as vibrations and shocks.

Multi-channel technology : Optimum recognition of all metals; ferrous, non-ferrous and stainless.

Power supply : Wide input 85-265VAC works great even with unstable and poor power sources.

Automatic diagnostics : Possible functional defects of the device are displayed on a separate output contact.



METAL AWH - Conveyor metal detector for PACKAGED and LOOSE products

Typically the AWH models are used in conveyor belts and provide highest performance in detecting magnetic and non-magnetic metals. Different methods are available to reject metal objects (pusher, belt stop + alarm etc).

Industrial design

Sensor and control unit housing are made of sturdy stainless steel, appropriate for use in the food industry. A maintenance free design and high quality construction provides reliable operation in the most challenging industrial environments.



METAL AGF - Free falling POWDER and BULK products, Pipe Ø100-600mm / 4-24 inch

Typically, the AGF types are used in gravity feed pipes and provide highest performance in detecting magnetic and non-magnetic metals. The bulk material falls through the metal detector. With the reject flap EX-S small metal objects are separated out of the product stream promptly.

A maintenance free design and high quality construction provides reliable operation in the most challenging industrial environments.



METAL AIN - Inline metal detector for FLUID and PASTRY products

Industrial design

Sensor and control unit housing are made of sturdy stainless steel, appropriate for use in the food industry.

Throughput pipe under high-pressure

Assembly frame options

Easy handling/Intuitive operation

Performance check

High pressure washdown option

Choose the most appropriate rejector for your application



METAL ATU

High metal sensitivity

Sensing width 200-2000mm.

Conveyor installation

Dividable sensor head

Product effect compensation

Applications:

Plastic recycling

Rubber production

Wood and paper processing

Food related industries

CHECKWEIGHER Total solution for weight inspection



Features :

- * Multiple weight inspection categories (5 to 7)
- * Up to 100 product setups with convenient setting selection
- * Automatic adjustment of the filling weight via system feedback
- * Vibration error free through static and dynamic calibration
- * Automatic zero tracking function
- * Photocell independent capability
- * Multilevel password protection
- * Automatic product tracking
- * Alarm message displayed in text
- * Statistical output per shift per day and month

Conveyor

- * Three conveyor designs-infeed conveyor, weigh table and outfeed conveyor to ensure high accuracy of the checkweigher
- * The fast release design of the conveyor enables easy access for maintenance and cleaning
- * The speed of individual conveyor is adjustable to the operating requirement

Weighing controller

- * 12" Touch screen display, information displayed in menu style.

Options

- * Optional printer
- * Multichannel digital input and output
- * Multichannel communication with PC, PLC, etc.
- * Rejector type : air blast , air pusher , diverter gate

Features :

- * Multiple weight inspection categories (3 to 5)
- * Up to 50 product setups with convenient setting selection
- * Automatic adjustment of the filling weight via system feedback
- * Vibration error free though static and dynamic calibration
- * Automatic zero tracking function
- * Photocell independent capability
- * Multilevel password protection
- * Automatic product tracking
- * Alarm message displayed in text
- * Statistical output per shift per day and month

Conveyor

- * Two conveyor designs-infeed conveyor and weigh table conveyor to ensure high accuracy of the checkweigher
- * The fast release design conveyor enables easy access for maintenance and cleaning
- * The speed of individual conveyor is adjustable.

Weighing controller

- * 6" LCD display panel , information displayed in menu style

Options

- * Optional 12" touch screen panel or 5" LCD panel display
- * Optional printer
- * Multichannel digital input and output
- * Rejector type : air blast , air pusher , diverter gate

Features :

- * 3 to 5 zone inspection , on screen display
- * Up to 50 product setups, product selection is very convenient
- * Feedback signal output for the filler can ensure the exact packaging weight and save the cost of the customer.
- * Static and dynamic calibration , eliminating the influence from the packaging motion.
- * Automatic zero tracking function
- * Machine can work without the photocell
- * Automatic product tracking
- * Alarm message displayed in text
- * Statistical output per shift per day and month
- * Multilevel password protection

Conveyor

- * The speed of conveyor is adjustable to suit for the site requirement.
- * Rugged design construction means the machine can be used in difficult applications.

Weighing controller

- * 5" touch screen display, all parameters use the menu driven design

Options

- * Optional 6" or 10" display panel
- * Optional printer
- * Multiway digital input and output
- * Multiway communication for PC , PLC , etc.
- * Rejector type : air blast , air pusher , diverter gate

Model	Weight Range	Accuracy	Max.speed	Belt Length	Belt Width	Line Height	Rejecter Type
DCW-H-02	200g	+0.1g~+0.5g	300ppm	220,300	100,150,200	600~800	Air blast Air pusher Flipper Arm Channelizer
DCW-H-06	600g	+0.2g~+1g	200ppm	220,300	100,150,200		
DCW-H-15	1500g	+0.2g~+1.5g	200ppm	300,350	150,200,300		
DCW-M-2K	2kg	+0.5g~+1.5g	120ppm	300,400	250,300		
DCW-M-3K	3kg	+0.8g~+2g	70ppm	400,500	300,400		
DCW-M-6K	6kg	+1g~+5g	50ppm	600,800	400,500		
DCW-L-10K	10kg	+5g	50ppm	300,400	600,800		
DCW-L-20K	20kg	+10g	40ppm	400,500	600,800		
DCW-L-30K	30kg	+20g	30ppm	600,800	800,1000		
DCW-L-60K	60kg	+20g	25ppm	600,800	800,1000		
DCW-L-100K	100kg	+20g	25ppm	600,800	1000,2000		