



MC-A72

Autosort

MC-A series

MULTI - CHROMATIC ELECTRONIC SORTER

Features

MORE THAN COLOUR

- Inspection in 2, 3 or 4 specific parts of the spectrum from visible to infrared
- Unique spectral signature sorting
- LED or laser lighting
- High resolution cameras - from 0.5mm

MATCHING CAPABILITIES WITH BUDGETS

- 3 sizes: 672mm, 1344mm, 2016mm wide chutes
- Compact footprint
- Stainless steel - easy cleaning

PRECISE REJECTION

- 64, 128, or 193 fast ejectors
- Minimum of good product removed

FIT AND FORGET

- Easy set-up, large touchscreen
- Foreign languages
- Automatic alarms and reports
- Auto-calibration and self cleaning
- Remote maintenance

Applications

- Dry or frozen foods
- Small and lightweight products
- Leaves, flakes, granules, coarse powders
- Herbs and spices
- Nuts and pulses
- Seeds and grains
- Dehydrated or frozen vegetables
- Potato products, flakes and chips
- Breakfast cereals
- Removal of discoloured product
rot, skin, brown, yellow, burn etc
- Foreign body and contamination sorting
insects, wood, stone, plastic, leaves, EVM, shell, etc
- Damaged product removal
broken, squashed, burnt, bruised



KEEPING AN EYE ON YOUR PRODUCT

Autosort MC-A72 series

MULTI - CHROMATIC SORTER FOR REMOVAL OF COLOUR DEFECTS AND CONTAMINANTS FROM **LIGHTWEIGHT PRODUCTS**

The Operation

The AUTOSORT MC Range uses a rapid sequence of light to obtain "more than colour" information from the product. Often, even very similar colours can be differentiated, and the infra-red capability improves detection of foreign bodies. The camera information is processed by ultra-fast digital signal processors, and commands are sent to one or more ejectors to remove the unwanted item efficiently.

The MC-A72 is specifically configured for efficient sorting of difficult-to-handle, lightweight products such as green herbs or flakes. After being spread on a vibratory feeder, the product accelerates down the chute and is inspected by the 2048-pixel line-scan camera(s). Defects and contaminants are removed by short puffs of air from ejectors built into the chute. The unique shape of the chute and configuration of the ejectors ensure very high detection efficiency and low wastage of good product. The enclosed construction ensures virtually dust-free operation.

The Benefits

Natural materials contain impurities and less-than-perfect product. By removing discolouration and contamination, the quality and value of the finished product is increased, or lower grade raw material can be used. The customer will be rewarded with consistent product and will come back with repeat orders. Also food safety is enhanced by ensuring that foreign bodies and contamination are removed before it reaches the consumer. Added value all round!

The Company

Radix Systems Limited, an ISO 9001 accredited company since 1992, is committed to improving quality within manufacturing and process industries. All our sorting and inspection systems carry the 'CE' marking and are technologically advanced whilst remaining simple to install, operate and maintain. Full back-up and training is available from the company and from our international agents.

Radix Systems Limited

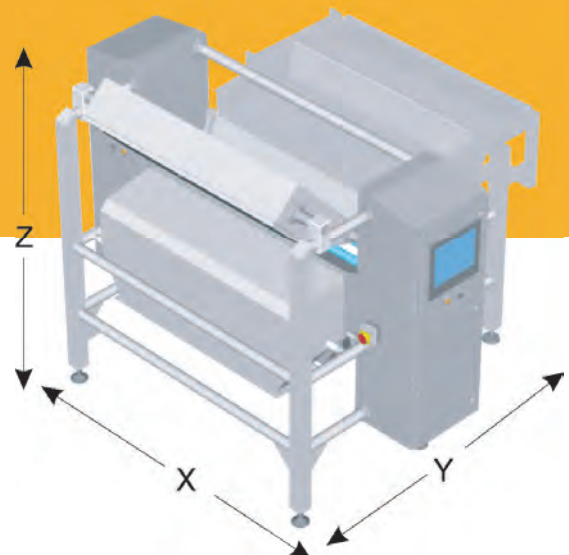
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Model options

MODEL	MC-A721	MC-A722	MC-A722
NO. OF NOZZLES	64	128	192
LIGHTING	1, 2, 3, or 4 colours		
CAMERAS	1, 2, or 3		
INSPECTION WIDTH (mm)	672	1344	2016
DIM X (m)	1.90	2.48	3.15
DIM Y (m)	2.16	2.16	2.16
DIM Z (m)	1.97	1.97	1.97

Typical capacities kg/hr

POTATO FLAKE	750	1500	2250
DRIED PARSLEY	100	200	300
DEHYDRATES	900	1800	2700



Represented by: