

RGB SORTING SAMPLE

	Material	Accepted	Rejected
glutinous rice			
wheat			
mung bean			
sesame			

SPECTRAL

WHITENESS SORTING



RGBN&InGaAs SORTING SAMPLE

	Material	Accepted	Rejected	IMPURITY SORTING
rice				
adzuki bean				
coffee				

ENG Ver. [IA504]



Optical Sorter IA504

Remarkable Sorting Sensor Technology

(simultaneous sorting by color, shape & contaminants)



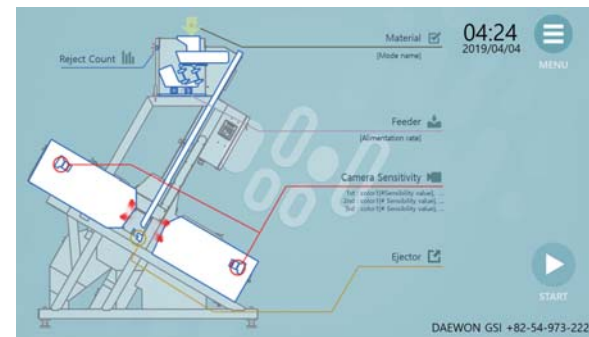
DAEWON GSI
DAEWON GLOBAL SYSTEM INTEGRATION

42, Agok 6-gil, Waegwan-eup,
Chilgok-gun, Gyeongsangbuk-do,
Republic of Korea
TEL : 82-54-979-2212
FAX : 82-54-973-2015
E-mail : trade@daewon.com
<http://www.daewon.com>



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Simultaneous sorting grain of discolored and crushed.
 Ultimate resolution camera & Impurities sorting
 (7k camera, RGBN camera, InGaAs camera : optional)
 Easy control with User-Friendly Interface-Android system.
 Remote control by Android smart phone.
 Automatic error detection function.

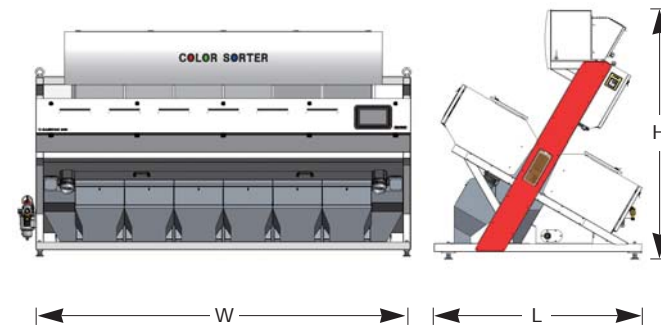


Feature

- 504 Eject channel - High capacity (20% more than before)
- Increases product yield - with the most accurate and effective detection abilities.
- Improves process efficiency - through smart system connectivity(Android) and access to digital data for your product.
- Delivers lowest total consumption but the highest performance - through low maintenance requirements.
- Reduces labor costs - through easy operation and fuction to run unattended during normal production.

SPECIFICATION

Model	IA504
Dimensions (WxLxH mm)	3000x1500x1763
Input to M/C (ton/hr)	7 ~ 24 t/hr
Power (kW)	4.5
Comp.Power (hp)	35



※ The specifications and designs can be changed without any notice. The capacity depends on impurity ratio.
 ※ Compressor, Air dryer and Cooler are optional.

Our Perfect Coverage, Almost cereals and recyclable materials can be sorted

IA504 CAMERA OPTION

CONTENTS	RGB	NEW RELEASE HIGH-7K RGB	RGBN	NEW RELEASE SPECTRAL	InGaAs
Resolution	5K(UHD CLASS)	7K (Ultimate Class)	5K(UHD CLASS)	7K(Ultimate Class)	1024
Sorting size up to ~	0.14mm	0.07mm	0.14mm	0.07mm	0.3mm
Selection by color	SUPPORTED				UNSUPPORTED
Selection by shape	SUPPORTED				UNSUPPORTED
Impurity selection	Unsuported	Unsuported	Supported	Unsuported	Supported
Feature	High resolution Full color camera, Enable to distinguish 16million colors	Ultimate resolution Brand new Full color camera. High-speed capture, Realizing High-definition High-sensibility	Color selection & Impurity selection	*Sensitivity Control of each defect type *Whiteness Control.	Material selection by rate of Humidity
Sorting material	General color defect (Cereals, Grains, Tea, Coffee, Plastic, Seed etc)	Pin-hole Coffee, Light chalky, tiny point and General color defect (Cereals, Grains, Tea, Coffee, Plastic, Seed etc)	Color selection & Impurity selection at the same time (Coffee, Cereals, Grains, Tea, Tabaco, cacaohips etc)	Chalky, White Rice Simultaneous Sorting Supported, User can choice what he want to sort by one touch.	Enable to distinguish all defects that has same color with material. (Polymer, Cascarilla, Vinyte, Glass, Metal, Rubber etc)