

ENG Ver.



# Full Color Sorter SPK+

Excellent Sensor Sorting Technology  
(simultaneous sorting by color, shape & contaminants)



# Simultaneous sorting grain of discolored and crushed Production of high quality grain Remote control repair in case of troubles Contaminants sorting (NIR sensor : optional)

sortable grain : rice, glutinous rice, wheat, mung bean, adzuki bean, sesame

## ■ CAMERA



### RGB Full Color Camera

- 5400pixel High Resolution Sensor
- Analysis 0.07mm (other company : 0.14mm)
- High Sensitivity and Low Noise
- 16million color recognition
- Recognition of red color
- Fully developed software makes High quality of image realization

### NIR Camera

- Resolution ability : 0.4~1.12mm
- 1300~1700nm (Halogen Light Source Wavelength)
- Sorting same color with input as plastic, insect, stone, glass, vinyl and etc.

## ■ LED



### High efficiency LED

- High luminant LED module
- 30% of enhanced intensity
- Minimizing the effect of heat and frequency
- High Power LED

## ■ HIGH TECHNOLOGY



### Remote Control

- Multiple machine control by remote
- Time, space free setting and monitoring(A/S)
- Access by smart phone

### Ejector

Our ejector is exclusively developed and patented. The ejector guarantees precision and durability of the 1 billion ejection.

### UI

- Easy and stable control
- Color, Size, Area, Length sorting mode
- UI Update & remote control by Internet

## ■ FEATURES

### Reliable and Precise

SPK+ is designed to complete any rate of sorting on hard condition so users are satisfied by the precise working and reliable outcome.

Users will feel the differences of our superior technology.

### Easy and Convenient

Users can operate the machine easily just only touching the menu that is displayed on the LCD panel and is operated on the basis of Android Operating System.

## Sorting Samples

	Material	Accepted	Rejected
rice			
glutinous rice			
wheat			
mung bean			
adzuki bean			
sesame			



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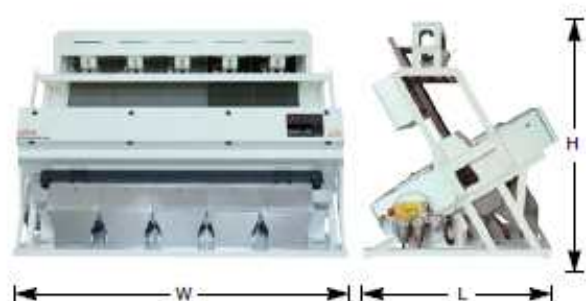
## SPK+ (simultaneous sorting by color, shape & contaminants)

We serve many solutions for various grains sorting, having high technologies of sensor, software and other mechanic operating. And our solutions are suitable to improve productivity and quality of grain. Comparing our full color camera sorting ability to mono, beneath.



### Specifications

model	SPK+1	SPK+3	SPK+5
Dimensions (W×L×H mm)	1015×1400×1790	1825×1400×1790	2615×1400×1790
Input to M/C (ton/hr)	1~3	3~9	5~15
Power (kW)	2.0	3.0	4.5
Comp.Power (hp)	10	20	30



\* The specifications and designs can be changed without any notice. The capacity depends on impurity ratio.  
\* Compressor, Air dryer, Cooler (Option)