



*Into the Future with Green Tea*

# PRODUCTS CATALOGUE

## Optical Color Sorter

Circulating system employed!  
Flat chute employed!  
Next generation optical color sorter

Sorting  
accuracy  
improved!



"Into the Future with Green Tea"

**Kawasaki Kiko Co., Ltd.**

# Features of optical color sorter

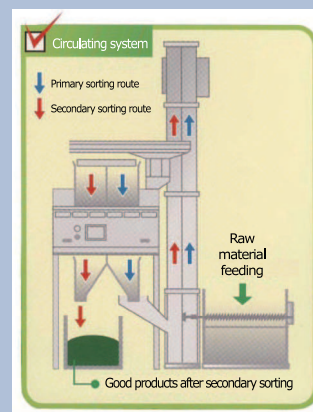
## Features

- Sorting accuracy is improved by flowing primary sorting and secondary sorting in a circulating system.
- Select 2-step or 1-step sorting via a switching mechanism, with 1-step sorting offering twice the performance capacity of 2-step sorting.
- High speed ejector improves sorting accuracy and yield.
- The high speed, high resolution camera misses no small objects and improves sorting accuracy.
- Red bars can be removed using a red fluorescent lamp.
- Vertical bucket with vibrator built-in raw material box is equipped as standard.
- Air dryer is equipped as standard (built into main unit).

Instant high resolution,  
high performance CCD  
camera identification



<Circulating system vertical bucket>



## Specifications

Model	Machine dimensions (mm)			Standard performance capacity (kg/h)	Required power
	Height	Width	Depth		
Optical color sorter KCS-F45W	2140	1200	1865	* 1-step sorting 140 kg/h  * 2-step sorting 70 kg/h	Main unit: 2.6kW (Final tea removal conveyor: 0.2kW) * OP (Foreign object removal conveyor: 0.2kW) * OP Compressor: 3.7kW (5.5kW when using all ducts for final tea)
Optical color sorter KCS-F90W	2650	1750	1865	* 1-step sorting 280 kg/h  * 2-step sorting 140 kg/h	Main unit: 2.8kW (Final tea removal conveyor: 0.2kW) * OP (Foreign object removal conveyor: 0.2kW) * OP Compressor: 7.5kW (Also 7.5kW when using all ducts for final tea)
Feeder KCS-F45W	3100	1260	1305	—	Vertical bucket: 0.2kW Raw material box vibrator: 0.2kW Raw material box screw: 0.09kW
Feeder KCS-F90W	3500	1260	1305		
- Fluff remover (Optional)	1600	670	1350	—	Vibrator: 0.2kW Intake fan: 0.4kW Rotary vibrator: 25W (0.025kW)

\* It is recommended to install a fluff remover (optional) when used in a crude tea factory.

\* Note that specifications and appearance are subject to change without notice in order to improve the machine.

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