



Technical Specification

Colour Sorter

Model : ID / ID(NIR) - 360 / 480 / 600

Model	Channels	Power of Main Machine	Voltage	Air Pressure	Air Consumption	Dimension	Weight
ID / ID(NIR) - 360	360	3.0kw	220V 50Hz	0.6-0.8MPa	<3.0m ³ /min	2710 x 1580 x 2020 mm	1700kg
ID / ID(NIR) - 480	480	3.6kw	220V 50Hz	0.6-0.8MPa	<4.0m ³ /min	3333 x 1580 x 2020 mm	2070kg
ID / ID(NIR) - 600	600	4.2kw	220V 50Hz	0.6-0.8MPa	<5.0m ³ /min	3925 x 1580 x 2020 mm	2430kg

CONFIGURATION INDEX

Index	Item	Model : ID	Model : ID (NIR)
Performance Index	Key Components	15-inch LCD	●
		Micron-sized HD color sensor	●
		InGaAs Infrared System	●
	Sorting Index	Yield per Chute	> 2.5t
		Shape Sorting	●
		Spectrum Confocal 2.0 system	●
		Targeted Sorting	●
	Service Life	Patented Maglev Ejector	> 10 billion times
		LED	> 50 thousand hours
		Power Supply	> 50 thousand hours
	Foreign Materials Removal	Glass, desiccants	☆☆☆☆☆
		Plastics	☆☆☆
		Same-in-color stones	☆☆☆☆☆
		Foreign materials	☆☆☆☆☆
	Air Circuit System	Point-to-point Dust Sucking System	●
		High-capacity Air Circuit System	●
	Machine Protection	Chute Cover	○
		Input Protection Cover	●
	Intelligent Production Line Index	Extremely Simplified Interface	●
		Sorter Care 5.0	●
		Auto-check & Auto-tuning	●
		Automatic backup	●
		Panorama quality analyzer	○

Parameters above are tested on the environment of 25 °C and 2% impurities rate and may change in different conditions.

☆: Function strength, ●: Standard, ○, Selection -: No

ISO 9001 : 2015
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