

Specifications for A-MECS COLOR SORTER

	AMECS S7 Full Color + NIR(Optional)
Channels	448 ch
Channels preset	320:128
Ave Capacity	Rice 8~15 tons/hr (depend on contamination level)
Max Capacity	15 tons /hr (depend on contamination level)
Sorting Accuracy	>99.9 (Sorting accuracy varies from one material to another. Contamination level and sorting speed effect sorting result.)
Sorting Speck	0.14 mm
Light Source	High luminant LED (useful life over 50,000 hours)
Operating Systems	Microsoft Windows 10 Platform
Touch Screen Language	English / Thai / Korean / Spanish / French / Others
Camera Type	Full Color Camera (Tri- Chromatic)
No. of Cameras	14 Cameras
Optional Camera	NIR Cameras (option for glass sorting)
Special Detect Program	Image Processing Method
Resorting System	Reduce good ones in the final reject
Chute	Coated U type Chute to facilitate the flow of materials, (selections of Flat, U-Type, V-Type)
Ejectors	High efficiency ejectors

Power Consumption & Air Power

Voltage	220V/50Hz
Power of main machine	5.5 Kw
Air pressure of air compressor (Mpa)	0.6~0.8 Mpa
Air pressure of color sorter	2.0~4.0 bar
Air Consumption	2,700~3,600 liter/min
Air Tank Volume	>1000 liter

Recommend External Air Compressor Requirement per one unit of S-7

Screw Type Air Compressor	35 HP
Recommend Air Tank	1200 Litre

Weight & Dimension

Weight	1450 Kg
Dimension (L x W x H)	1546 x 2796 x 1803 mm