

RATINGS / PERFORMANCE		
Applicable Particle		Powder, Fine Granule, Granule etc., Coloured
Inspection Throughput		20 to 100 kg / hour
Inspection Objects		Black or coloured foreign particle of over 40 to 60 µm (diameter) Black or coloured fiber and hair of over 30 µm (diameter) x 3 mm (Inspection accuracy depends on inspection throughput and object)
Transport Section	Transport Belt / Speed	1 row / Approx. 9 to 18m / minute (5 steps selectable)
	Transported Particle Thickness	Step Gain :-6, -3, 0, +3, +6, +9, +12 dB
	Inspection Area	Approx. 392 mm in width
	Transported Particle Thickness	Approx. 0.3 to 0.7mm (1 layer)
Camera Section	Limit Of Resolution	5,000 pixel RGB CCD line sensor camera x 4 units – 20 µm
Lighting Section	System / Source / Position	Fiber guide / Halogen lamp x 12 / 2 spots at top, 1 spot at bottom
	Lamp System	DC lighting system (lighting level variable at 16 steps)
	Lighting Control	Manual, Auto control selectable
	Expected Lamp Life	1,000 to 1,500 hours
Power Source	Power Supply	Three phase 200V ± 10%, 50/60 Hz
	Power Consumption	5 kVA or less
	Connection	Terminal fixed with 6 mm-screw
Air	Pressured Air Pressure	0.5 Mpa or more
	Consumption	0.7 NL / minute or less (clean dry air)
	Coupling Socket Size	Quick-connect air coupler socket 20 SH
External Dimensions	Control Unit / Main Unit	W 570 x H 1850 x D 710 mm / W 1708 x H 2050 x D 1149 mm
	Air-Vacuuming Unit	W 750 x H 1333 x D 532 mm
Weight	Control Unit / Main Unit	Approx. 150kg (330 lbs) / Approx. 1,000 kg (2,203 lbs)
Environment Condition	Temperature	15°C to 20°C (59 -77 degree F)
	Humidity	30 to 60%
Vacuumed Air Exhaust	Negative Pressure	4Kpa or more
	Exhaust Air Emission	10 cubic meter / minute