

Ikegami

POIE-8000C

Color Powder Inspection Equipment



Rating / Capability

Applicable Particle	Powder, Fine Granule, Granule etc., Colored
Inspection Throughput	20 - 100 kg / hour
Inspection Objects	Black or Colored Foreign Particle of over 40 - 60µm (diameter), Black or Colored Fiber and Hair of over 30µm (diameter) x 3mm * Inspection accuracy depends on inspection throughput and object.
Transport Section	Transport belt : 1 row Transport Belt speed : Approx. 9 - 18m / minute (5 steps selectable) Inspection area : Approx. 392mm in width Transported particle thickness : Approx. 0.3 - 0.7mm (1 layer)
Camera Section	5,000 pixel RGB CCD line sensor camera x 4 units Limit of resolution : 20µm
Lighting Section	Lighting system : Fiber guide Lighting source : Halogen lamp x 12 Lighting position : 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 - 1,500 hours
Power Source	Power supply : Three phase 200V ± 10%, 50/60Hz Power consumption : 5kVA or less Connection : Terminal fixed with 6mm-screw
Pressured Air	Pressure : 0.5Mpa or more Consumption : 0.7NL / minute or less (clean dry air) Coupling socket size : Quick-connect air coupler socket 20SH
External Dimensions	Main unit : W1708 x H2050 x D1149mm (67 x 81 x 45 inch) Control unit : W570 x H1850 x D710mm (22 x 73 x 28 inch) Air-vacuuming unit : W750 x H1333 x D532mm (30 x 53 x 21 inch)
Weight	Main unit : Approx. 1,000kg (2,203 lbs) Control unit : Approx. 150kg (330 lbs)
Environment Condition	Temperature : 15 - 20 degree C (59 - 77 degree F) Humidity : 30 - 60%
Vacuumed Air Exhaust	Negative pressure : 4Kpa or more Exhaust air emission : 10 cubic meter / minute

* Ikegami model POIE-8000C is the system jointly developed with Eisai Co., Ltd.

Design and specifications are subject to change without notice.

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