

DRY FRUITS SORTING SYSTEMS

GTL Laser Sorting System

Specifications

SİSTEM	STANDART
Wavelength range (nm)	200-1120 nm Optional
Spectral bands	Optional
Spectral sampling (nm/pixel)	1.40
Spectral FWHM (nm)	6
Mounting Type	Slots
Processor Layout	Free Unit
Response Speed	20 ns
Operating Temperature	-25 ° C to + 60 ° C
Ingress Protection (IP) rating	IP67
Lasers	Up to 8 per Optic
Laser Class	Nd YAG Laser
Sensors	Up to 12 per Optic
Wavelength range (nm)	650 or 1000
Output Power	<10mw - <30mw
Operation Voltage	3V DC
Operation Current	45mA
Opertion Temp	-10 °C to 50 °C
Optics	Plastic Fresnel Lens
Beam	Cross Line 45° fan angle
Divergence	<2.0 mrd
Ingress Protection (IP) rating	IP67
Channel Conveyor Width	600 mm
Number of cameras	1
Imaging Accuracy	14 micron
Capacity	10t/h – Bulk, Max
Compressed Air	Min 4 Bar Max 7
Air quality	33 µm Filtered oil free water free Dust free
Air consumption	TYP 200 Nm ³ /h
Air connection	1.5 Inches
Water connection	Input ½ Inches/ Output ½ Inches

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Specifications (Continues)

Number Of Eject	70
(%) Accuracy	98
Screen	Full-color TFT 19" Touch Screen
Purification	Easy to Wash
Dimensions	2110*1900*1800
Ingress Protection (IP) rating	IP67
Max detecting Height	10mm
Max detecting Width	580 mm
X-ray tube	MAX. 80kV, 350W
Conveyor speed	150m/min
Conveyor width	600 mm
Conveyor Max load	45 Kg
Image Management	Auto image save/ print /analyses
Electricity	240, AC, 50/60Hz Max. 40A
Body material	SUS304
Cooling method	Air-conditioned cooling
Cooling water quality	Lime free and reusable
Cooling water pressure	Min. 1 Bar/Max 3 Bar
Cooling water Temperature	Min +5 0C/ Max +12 0C
Scanning area	1200 mm
Scanning units	front and rear
Protection class	IP 65
Pressured Air	Min 4 Bar Max 7
Operation temperature	0-55 0C
Operation humidity	-5*90%
Rejector	70 air rejector
Best Inspection Ability	0.3mm (SUS304 ball), 0.2*2mm?SUS wire), 1.0mm (Glass Ball), 1.0mm (Ceramic Ball)
Installed Machine size	W. 2100 mm.- L. 4110mm. – H. 2200 mm
Warranty	2 Years