

Tablet Visual Inspection System, Batch Saver

TVIS-AS-C6

Item		Specifications	
Inspection Functions	Application Tablets	Non-coated, film-coated, sugar-coated tablets; tablets with printing or scoring on one or both sides; scored tablets; tablets with engraved mark; circular tablets; non-circular tablets (triangular, rectangular, leaf-shaped and oblong tablets)	
	Tablet Size	Circular Tablets: 5-12 mm in diameter and 2-8 mm in thickness Non-Circular Tablets: 5-12 mm in width, 2-8 mm in thickness, 5-21 mm in length For non-standard size, please contact us.	
	Inspected items	Dirt Inspection: Foreign particle, Dirt, Surface nicks Shape Inspection: Dimensions, Presence of cracks or deformation Chip inspection: Chipped edges Print inspection: Scratches, Blurring, Lack of printing Color inspection: Wrong color, Discoloration, Peeled coating	
	Inspected Surfaces	Top, bottom, and sides	
	Inspection Precision	Defects equivalent to a 100 μ square or larger black speck	
	Processing Capacity	Circular Tablets: 1,200 - 2,200 tablets/min Non-Circular Tablets: 500 - 1,800 tablets/min Depends on tablet size and shape	
Hardware	Inspection Subsystem	Lighting Unit	2 LED Units
		Camera	CCD color line-sensor camera x 2
		Communication	Touch Panel (Microsoft Windows XPe)
		Judgment Processing Unit	Microcomputer, High-speed processor, Signal processing board
	Transfer Subsystem	Hopper	Capacity: 25 liter
		Vibratory Feeder	Transfer Capacity: 5,000 tablets/min maximum
		Flow-Control Turntable	Dia: 498, t: 0.5, rotation speed: 0 - 60 rpm
		Conveyor Unit	Suction Belt Conveyor System (transfer, 1st Conveyor, 2nd Conveyor)
	Rejection Subsystem	Rejection Unit	Pneumatic
		Defective Tablet Collection Box	Capacity: 15 liter
		Uninspected Tablet Collection Box	Capacity: 5 liter
		Pneumatic Unit	Suction blower for the suction belt conveyor system: 0.9 kW, suction blower for powder collection: 0.75 kW
Software	Inspection Functions	Individual and overall judgments, inspection condition entry, result output	
	Diagnostic Functions	Monitoring and inspection status, monitoring of hardware, self-diagnosis	
Size & Environment	Dimension	W 1,803 mm x D 844mm x H 1,673 mm (excluding annunciator lamp)	
	Power Supply	200 VAC (3 phase) 50/60 Hz, rated current: 30 A, rated sensitivity current: 30mA, power consumption: 4.0Kw	
	Pressure of Pneumatic Unit	0.35 - 1.00 MPa, flow rate: 25 l/min. maximum, tube diameter: 8	
	Ambient Condition	Temperature: 10 - 30 C, humidity: 30 - 70% (non-condensing)	
	Exhaust Airflow	11m ³ /min. maximum	
	Exterior	Stainless Steel	

* End user must provide Primary power supply, pneumatic supply and printer. Please contact us for details.

* Specifications and external appearance are subject to change without prior notice.