

FLASH VISION MEASUREMENT SYSTEM

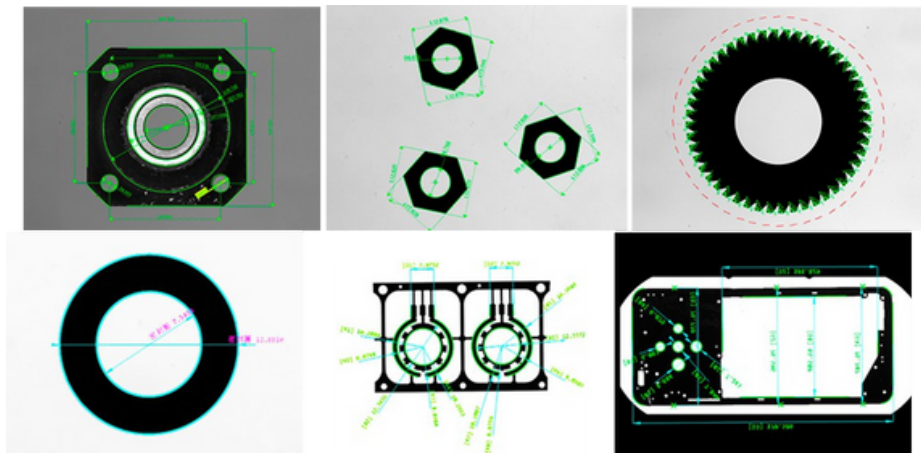
FEATURE

- Simultaneous Measurements Performed in Seconds Measurements on up to dozens to hundreds of products in the field of vision can be completed in seconds, greatly reducing the resource spent on measurement work.
- Accurately detects and measures edges.
- Automatically reproduces lighting conditions for measurement.
- Large vision Easy to understand, as the entire part is visible.
- Stable detection with no fine adjustment required.



APPLICATIONS:

- This Flash measuring machine is widely used in industry of machinery, electronics, mold, injection molding, hardware, rubber, low-voltage electrical appliances, magnetic materials, precision stamping, connectors, connectors, terminals, mobile phones, home appliances, printed circuit boards, medical equipment, watches, tools, etc.



FRONT OF MACHINE



TOP SIDE OF MACHINE



BACK OF MACHINE

Model				ST-100	ST-200	ST-300
Camera				20MP Black and White Digital	12MP Black and White + 8MP color Digital camera	
Monitor				11.6 inch LCD Monitor(WXGA:1920*1080)		
Lens				Bitelecentric lens		
Image Measurement	FOV	Wide-field measurement mode		-	200mm×200mm	300 mm×200mm
		High-precision measurement mode		82mm×55mm	140 mm×154mm	240 mm×154mm
	Resolution		0.1 μm			
	Measuring accuracy	Wide-field measurement mode	Without stage movement	±2.0μm		
			With StageMovement	-	±(2.0+L/50) um	
		High-precision measurement mode	Without stage movement	±1.5μm		
			With StageMovement	-	±(1.3+L/50)um	
	Repeat accuracy	Wide-field measurement mode	Without stage movement	±1.5μm		
			With StageMovement	-	±2.0μm	
		High-precision measurement mode	Without stage movement	±1.5μm		
			With StageMovement	-	±1.5μm	
	Environment		Temperature		10 to 35 degree	
Humidity			20-80%RH(No condensation)			
Pollution level			2			
Overvoltage category			II			
Lighting system		Transparent		Telecentric transparent illumination		
		Surface light		Multi-angle lighting(motorized)		
XY Stage		Moving Range		-	120 mmx140 mm (motorized)	220mm×140mm (motorized)
		Withstand load		3kg	5kg	
Z stage		Moving Range		75 mm(motorized)		
Voltage		Power voltage		100-240 VAC±10% 50/60Hz		
		Power consumption		under 430VA	under 800VA	
Weight		Net weight		28kg	35kg	

Standard delivery	Qty
Main unit	1
Software + key	1
Computer	1
Scale	1
Inspection certificate	1