

PT60SRG STANDARD MODEL POLYGON LASER SCANNER

PT60SRG



■ Application

- Laser printer
- Digital Photo Lab
- 3-dimensional measurement apparatus
- Crack inspection apparatus

■ Feature

- High Speed
- High Precision (Jtter)

■ SPECIFICATIONS

No	ITEMS	SPECIFICATION				REMARKS				
1	Model Number	PT60SRG				Standard Model				
2	Bearing Type	Aerodynamic								
3	Operating Posture	Shaft Vertical				Polygon Upside Up				
4	Direction of Rotation	CW or CCW				Top View				
5	Reflectivity	85% min at Incidence Angle of 30deg				$\lambda = 780\text{nm}$ S-Polarization				
6	Flatness	$\lambda / 8$				$\lambda = 632.8\text{nm}$				
7	Dynamic Pyramidal Angle Error	All facets 30arc-sec.max (Peak to Peak)								
8	Jitter Peak-Peak	0.015%Max.								
9	Lifetime	30,000 cycle(start-stop) 20,000 hours(continuous)				Room temp (25°C)				
10	Choose •Mirror size •Mirror facet •Rotational Speed Mirror Thickness :5mm Mirror Clearaperture:3mm	Voltage	24V				36V			
		Number of facets	dia: 50mm	dia: 60mm	dia: 70mm	dia: 80mm	dia: 50mm	dia: 60mm	dia: 70mm	dia: 80mm
		5	—	—	13,000r/min	—	—	—	22,000r/min	—
		6	—	20,000r/min	—	—	—	30,000r/min	—	—
		8	25,000r/min	22,000r/min	—	—	37,000r/min	32,000r/min	—	—
12	—	30,000r/min	—	—	—	—	35,000r/min	—		
18	—	—	—	22,000r/min	—	—	—	27,000r/min		

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■ TYPICAL OUTLINE DIMENSIONS (SCANNER ASSEMBLY)

