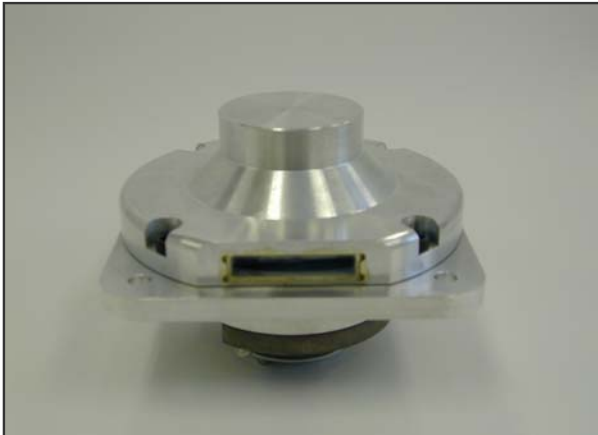


PV60SRG POLYGON LASER SCANNER

PV60SRG



- Application
 - Crack inspection apparatus
 - Surface Scratch Detector

- Feature
 - High Speed
 - High Precision (Jtter)

■ SPECIFICATIONS

No	ITEMS	SPECIFICATION	REMARKS
1	Model Number	PV60SRG	Custom Model
2	Bearing Type	Aerodynamic	
3	Supply Voltage	24, 36V	
4	Operating Posture	Shaft Vertical	Polygon Upside Up
5	Rotational Speed	40,000~55,000r/min	
6	Direction of Rotation	CW or CCW	Top View
7	Mirror Size Range	50mm~70mm (t=3mm) inscribed dia	
8	Mirror Facet	6~22	
9	Flatness	$\lambda/6$	$\lambda = 632.8\text{nm}$
10	Reflectivity	85% min at Incident Angle of 30 deg	$\lambda = 780\text{nm}$ S-Polarization
11	Dynamic Pyramidal Angle Error	All facets 90arc-sec.max (Peak to Peak)	
12	Jitter	0.03% Max. (Peak to Peak)	
13	Lifetime	30,000cycle(Start-Stop)	Room temp (25°C)

PV60SRG POLYGON LASER SCANNER

PV60SRG

■ TYPICAL OUTLINE DIMENSIONS (SCANNER ASSEMBLY)

