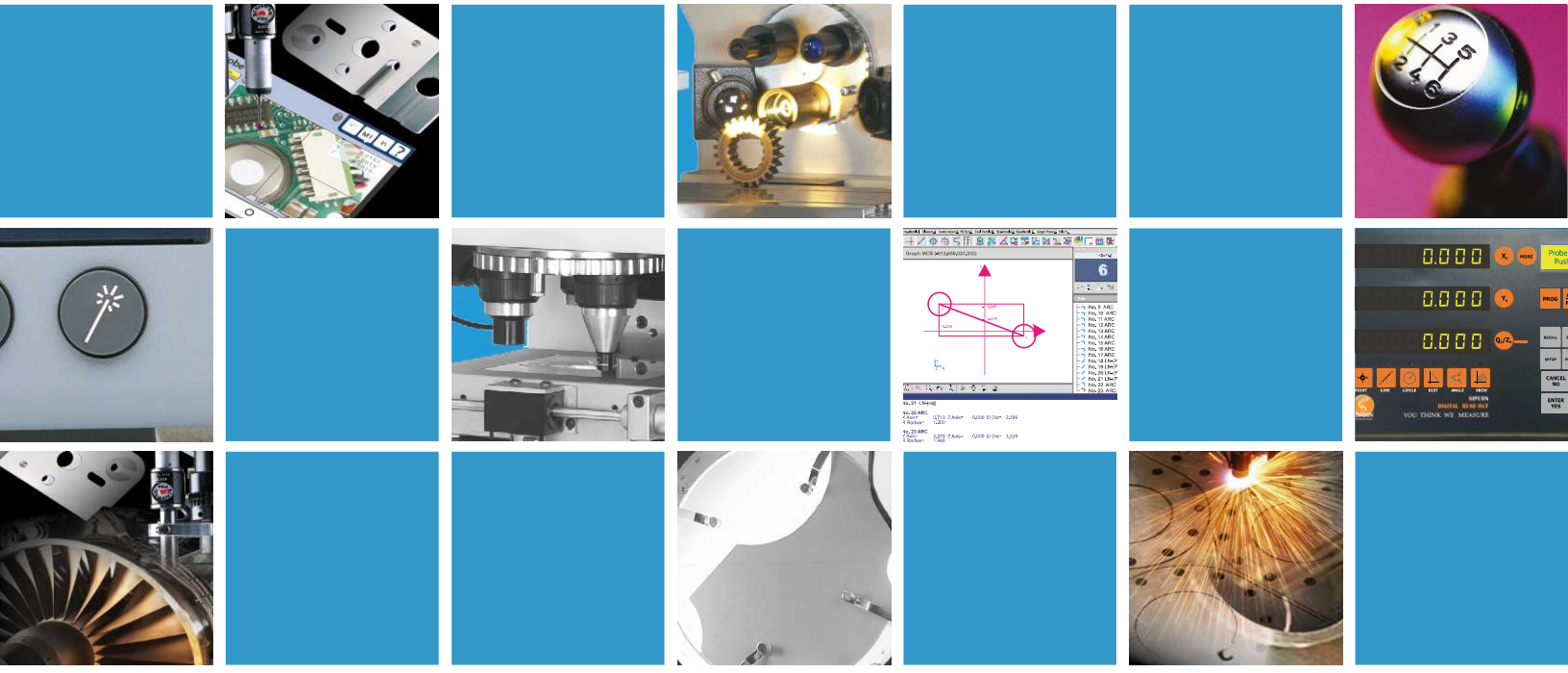
TBG

The BHARAT GROUP
Lab Testing Instruments



PROFILE PROJECTORS

Vertical Profile Projectors
Bench Top

SP-250

SP-300

SP-400

S.no.	Specifications		SP-250	SP-300	SP-400
1	SCREEN		Opaque glass screen with 90° cross line Fitted with graduated rotary ring (0-360°) operated by knob, L.C. 1min.		
1.1	SCREEN SIZE		250mm	300mm	400mm
2	LIGHT AXIS		Vertical	Vertical	Vertical
3	OPTICS	Std.	10X	10X	10X
3.1		Opt.	20X, 50X, 100X	20X, 50X, 100X	20X, 50X, 100X
3.2		Mount	Screw Mount	3 Lens Turret Mount/ Screw Mount	3 Lens Turret Mount/Screw Mount
4	WORKSTAGE SIZE	Std.	160mm X 160mm	160mm X 160mm / 260mm X 260mm	260mm x 260mm
5	MEASURING RANGE	Std.	50mm X 50mm	50mm X 50mm / 100mm X 100mm	100mm X 100mm
5.1		Opt.	N.A.	X-Axis upto 400mm, Y-Axis upto 200mm	
6	FOCUSING		90mm	90mm	90mm
7	LINEAR MEASUREMENT		Micrometers	Micrometers / Built-in Glass Scale	Built-in Glass Scale
8	RESOLUTION		1µm	5/1/0.5µm	5/1/0.5µm
9	MEASURING SYSTEM		Micrometers	Micrometers / D.R.O. / PC based Software (See Pg 8-12)	
10	PROJECTION ACCURACY		±0.05% (Contour / Surface)		
11	ILLUMINATION	Contour	24V/150W halogen lamp, illumination control with condenser unit provide light as per lens		
11.1		Surface	Twin 24V/150W Halogen lamp provides shadowless light on optical axis		
12	STAND		Unique rigid pedestal system facilitates vibration free handling of component		
13	COOLING SYSTEM		Fan		
14	POWER SUPPLY		110/220V AC, 50/60Hz		
15	MOTORIZED MOVEMENT		N.A.	Optional (X, Y and focusing with speed control)	
16	OPTIONAL HARDWARE		Profile Charts, Rotary Table, V-block, Centre Holding Device Opto Edge Sensor, Rotary Encoder (See Pg 12)		