

# Solid Creator specifications

	<b>SCS-1000HD</b> High-precision, ultrafine modeling machine	<b>SCS-6000</b> Small-size modeling machine	<b>SCS-9000</b> Large-size modeling machine
Laser	He-Cd laser	Solid-state semiconductor laser 200mW, 25kHz	Solid-state semiconductor laser 800mW,60kHz (first in Japan)
Modulator	AOM (acousto-optic element)		
Deflection equipment	Galvanometer mirror system (Includes sweep-defocus correction function)		
Model creation range	300 × 300 × 270mm	300 × 300 × 250mm	1,000 × 800 × 500mm
Spot size	0.05 - 0.3mm (automatic adjustment)	0.075 - 0.4mm (automatic adjustment)	0.2 - 0.4mm (automatic adjustment)
Scan speed	Max. 2m/s	Max. 7.5m/s	Max. 20m/s
Layer thickness	0.02 ~ 0.15mm	0.05 ~ 0.2mm	0.1 ~ 0.4mm
Tank volume	45L (exchangeable)	55L (exchangeable)	840L
Power source	100V20A	100V30A	100V35A
Coolant	Not needed	Not needed	Not needed
Main unit dimensions (W×D×H)(mm)	1,425 × 1,100 × 1,590	1,425 × 1,115 × 1,610	2,340 × 1,640 × 2,760
Main unit weight (including resin)	710kg	710kg	2,920kg

Made by Sony Manufacturing Systems Corporation



SCS-1000HD



SCS-6000



SCS-9000