

Laser Settings for LMC94 Materials

The following table details recommended laser settings for LMC94 materials on glass and ceramic. These settings are designed to help guide the user to the optimum parameters as quickly as possible. Please note that there will be variations in substrate finish and between different brands of laser. It may still be necessary to perform further refinement of settings to achieve the desired mark.

LMC94 Suggested Laser Settings Used for CO₂ X-Y Laser						
Substrate Material	Settings 45W laser		Settings 30W laser		Lens	DPI/PPI
	Power (W)	Speed (in/sec)	Power (W)	Speed (in/sec)		
Glass	5	14	5	14	1.5"	1000/1000
Ceramic	N/A	N/A	N/A	N/A	N/A	N/A

Suggested Laser Settings Used for Beam Steered ND:YAG or Fiber Laser with a 100mm lens				
Material	Power (W)	Speed (cm/sec)	Hatch Spacing "	CW Mode or Q-Switch Freq
Glass	8	5	0.002	CW / ≥50KHz
Ceramic	N/A	N/A	N/A	N/A