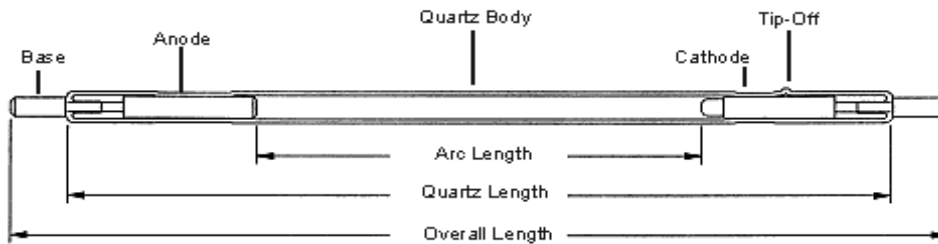


Laser Flash Lamps Spec



New Source Technology offers both standard and custom flashlamps for the laser OEM. This includes air cooled flashlamps, water cooled flashlamps, helical designs, and other configurations. Please provide the following design information when submitting your request:

Customer Name: _____
Company: _____
Address: _____

Phone: _____
Fax: _____
E-mail: _____

Lamp Mechanical Requirements:	
overall length (mm or in)	
quartz length (mm or in)	
arc length (mm or in)	
quartz type (CDQ, CFQ, TDQ, SFQ)	
quartz - ID x OD (mm)	
gas type (Kr, Xe, mixed)	
gas pressure (torr)	
max lamp OD (mm)	

Electrical Requirements:	
typical input energy (J)	
peak input energy (J)	
repetition rate (operating range in Hz)	
pulse width (msec)	
peak current (A)	
max avg power (W)	
typical avg power (W)	
trigger scheme (external vs. series)	
current waveform (gaussian, square, other)	

System information:	
Type of laser rod	
# of lamps/cavity	
O-ring seal location (mm or in)	
End connection style	

Performance requirements :	
Desired lamp lifetime (# shots)	
Definition of lamp life	

Other comments: