



AO-RM Series

RAMAN PULSED LASER

AO-RM UV laser can be used for UV curing, micro-electronics, metrology and material processing ,laser medical treatment, scientific experiment.

AO-RM yellow and orange laser can be used for laser cosmetology, spectroscopy and sensing.



SPECIFICATION

Wavelength (nm)	280±1	287±1	295±1	560±1	590±1
Operating mode	Acousto-Optic Q-switched				
Average power (mW)	1-70	10-60	1-70	1-1000	1-1000
Pulse duration (ns)	<25ns				
Rep. rate (kHz)	5				
Single pulse energy (μJ)	1-14	1-12	1-14	1-200	1-200
Beam diameter at the aperture (1/e ² , mm)	<4				
Beam divergence, full angle (mrad)	<6	<6	<6	<3	<3
Ave power stability (over 4hours)	<5%, <3%				
Warm-up time (minutes)	<10				
Operating temperature (°C)	15~30				
Expected lifetime (hours)	10000				