

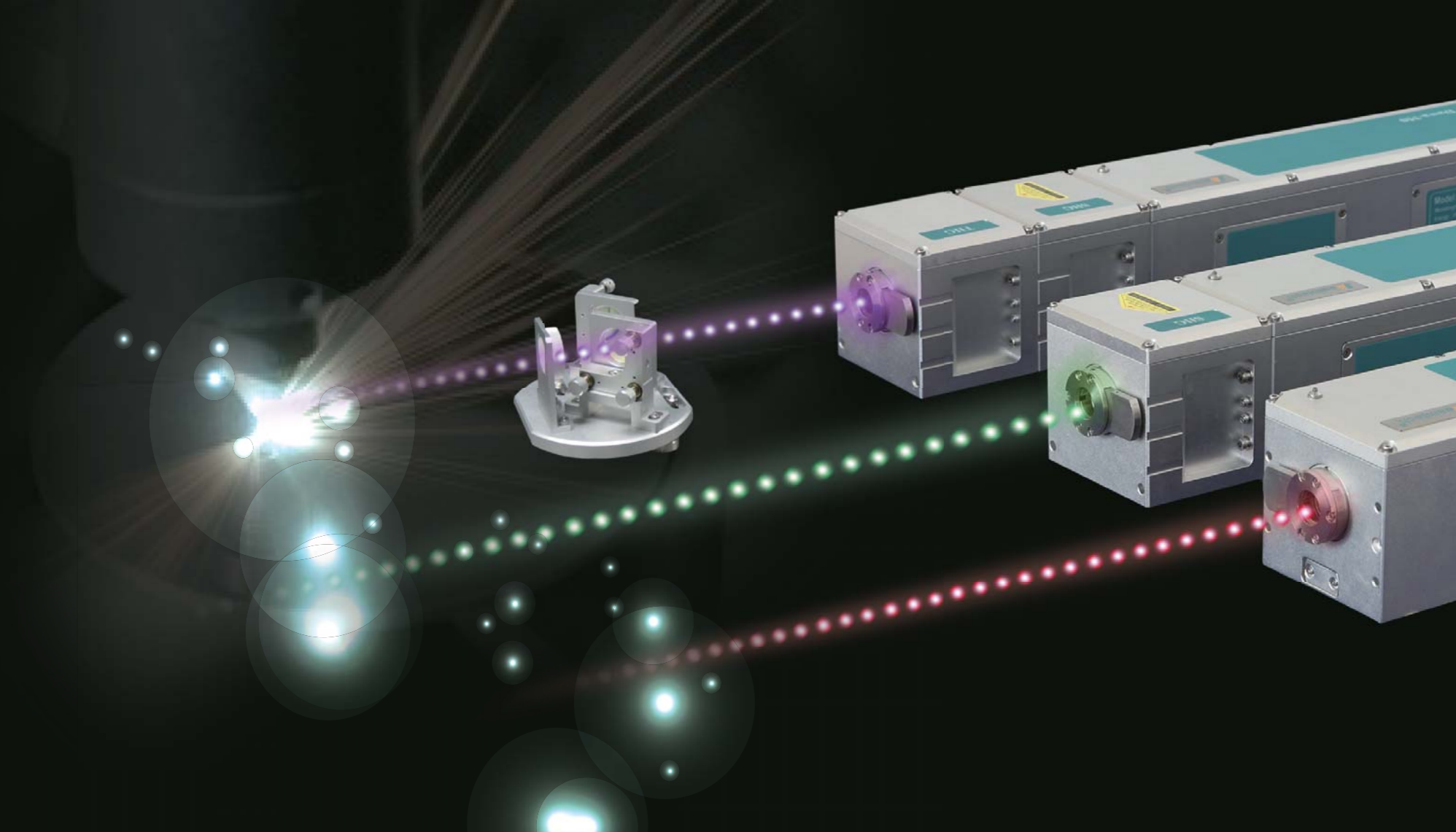
Laser Specifications*1:				
Product	Dawa-50	Dawa-100	Dawa-200	Dawa-300
Repetition Rate*2 (Hz)	1~20	1~20	1~20	1~10
Pulse Energy (mJ)				
1064 nm	50	100	200	300
532 nm	25	50	100	150
355 nm	10	20	40	60
266 nm	5	10	20	30
Energy Stability*3				
1064 nm	1%	1%	1%	1%
532 nm	2%	2%	2%	2%
355 nm	3%	3%	3%	3%
266 nm	3%	3%	3%	3%
Pulse Width*4 (ns)				
1064 nm	≤9	≤9	≤8	≤7
532 nm	≤8	≤8	≤7	≤6
355 nm	≤7	≤7	≤6	≤5
266 nm	≤7	≤7	≤6	≤5
Divergence*5 (mrad)	1	1	1	1
Pointing Stability (μrad)	<50	<50	<50	<50
Beam Diameter*6 (mm)	5	6	6	7
Jitter (RMS)*7 (ns)	≤1	≤1	≤1	≤1
Spatial Mode Profile*8				
Near Field	>70%	>70%	>70%	>70%
Far Field	>90%	>90%	>90%	>90%

Note:

- *1. All specifications, unless otherwise stated, are for Q-Switched 1064 nm operation and are subject to change without notice;
- *2. 30~50 Hz available on request;
- *3. Dev. to average (shot to shot for 99% of pulses);
- *4. Full width half max (FWHM);
- *5. Full angle measured at 1/e² of the peak;
- *6. Measured at the laser output;
- *7. With respect to external trigger;
- *8. Near field profiles measured at 1 m from laser output;
Far field profiles measured at the focal plane,
least squares fit to Gaussian profile.



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Dawa series
 —Compact Nd:YAG Q-switched Lasers



