

Laser Systems Product Overview



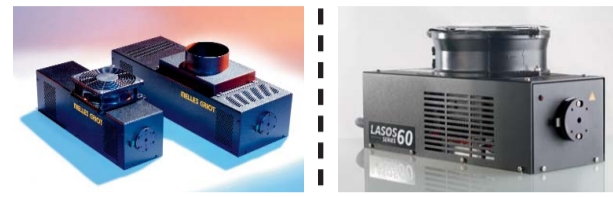
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CW Laser Systems



HeCd lasers
325 nm 442 nm
~40 mW ~130 mW

454 – 752 Argon/Krypton/Mix laser



Argon/Krypton/Mix laser
454, 458, 465, 472, 476, 483, 488, 496, 502, 514, 520, 568, 647, 676, 752 nm
~195 mW



DPSS lasers
473 nm 532 nm 561 nm
~17 mW ~2 W ~50 mW



HeNe lasers
543,5 nm 594,1 nm 611,9 nm 632,8 nm 1 523 nm
~2 mW ~2 mW ~2 mW ~35 mW ~1 mW



Diode laser Assemblies
405–410 nm ~50 mW 440–445 nm ~16 mW 635 nm ~3 mW 638 nm ~10 mW 660 nm ~20 mW 785 nm ~25 mW 830 nm ~35 mW

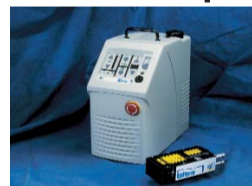
(nm) 300 400 500 600 700 800 900 1 000

Pulsed Laser Systems

Q-Switch Nd: YAG laser – ns puls



CENTURION DPSSL
to 100 Hz
3 mJ ~ 266 nm
6 mJ ~ 355 nm
20 mJ ~ 532 nm
40 mJ ~ 1 064 nm



ULTRA
to 20 Hz
4 mJ ~ 266 nm
6 mJ ~ 355 nm
30 mJ ~ 532 nm
50 mJ ~ 1 064 nm



BRIO
to 50 Hz
15 mJ ~ 266 nm
33 mJ ~ 355 nm
80 mJ ~ 532 nm
120 mJ ~ 1 064 nm



BRILLIANT
to 50 Hz
16 mJ ~ 213 nm
90 mJ ~ 266 nm
225 mJ ~ 355 nm
400 mJ ~ 532 nm
850 mJ ~ 1 064 nm



CFR
to 100 Hz
80 mJ ~ 266 nm
100 mJ ~ 355 nm
400 mJ ~ 532 nm
800 mJ ~ 1 064 nm
150 mJ ~ 1 579 nm



YG980
to 30 Hz
230 mJ ~ 266 nm
850 mJ ~ 355 nm
1 250 mJ ~ 532 nm
2 500 mJ ~ 1 064 nm



YASMIN
to 120 Hz
160 mJ ~ 532 nm
400 mJ ~ 1 064 nm



YG900
to 30 Hz
15 mJ ~ 266 nm
35 mJ ~ 355 nm
70 mJ ~ 532 nm
150 mJ ~ 1 064 nm

PIV lasers



TWINS 30 BSL
to 15 Hz
2 x 30 mJ ~ 532 nm



TWINS 50 BSL
to 15 Hz
2 x 50 mJ ~ 532 nm



TWINS 130 BSL
to 30 Hz
2 x 130 mJ ~ 532 nm



TWINS BRILLIANT
to 10 Hz
2 x 150 mJ ~ 532 nm



TWINS CFR
to 15 Hz
2 x 200 mJ ~ 532 nm



TWINS 200 BSL
to 15 Hz
2 x 200 mJ ~ 532 nm



TWINS 220 BSL
to 15 Hz
2 x 220 mJ ~ 532 nm



TWINS BRILLIANT B
to 10 Hz
2 x 380 mJ ~ 532 nm

Tunable lasers



TDL 90 – Dye laser
200–4 500 nm ~ 200 mJ/peak



RAINBOW – OPO laser
340–475 nm ~ 5 mJ
410–680 & 720–1 100 nm ~ 55 mJ
680–970 & 1 200–2 000 nm ~ 80 mJ



VIBRANT – OPO laser
210–2 400 nm ~ 50 mJ/peak
320–475 & 680–2 400 nm ~ 55 mJ/peak
2,7–3,1 & 3,1–3,45 μm ~ 5 mJ