

COMPARISON TABLE

 Available with INTEGRA all-in-one detector + meter

MODEL	EMAX*	NOISE LEVEL	P _{MAX}	λ _{MIN}	λ _{MAX}	MAX REP RATE	ABSORBER TYPE	APERTURE	SEE PAGE
M6-6-Si	200 μJ	2 nJ	5 W	350 nm	1100 nm	200,000 Hz	Silicon	6 mm Ø	56
M6-6-In	200 μJ	2 nJ	5 W	900 nm	1600 nm	200,000 Hz	InGaAs	6 mm Ø	56
QE8SP-B-MT	1.3 mJ	50 nJ	500 mW	190 nm	20 μm	1000 Hz	Metallic	7.8 x 7.8 mm	54
QE8SP-B-BL	3.6 mJ	100 nJ	500 mW	190 nm	20 μm	400 Hz	Black	7.8 x 7.8 mm	54
M6-6-PY	20 mJ	0.2 μJ	5 W	350 nm	2500 nm	200,000 Hz	Pyro	6 mm Ø	56
M6-12.5-PY	200 mJ	2 μJ	5 W	350 nm	2500 nm	200,000 Hz	Pyro	12.5 mm Ø	56
QE12SP-S-MT	700 mJ	800 nJ	3 W	190 nm	20 μm	6000 Hz	Metallic	12 x 12 mm	44
QE12SP-H-MT	700 mJ	800 nJ	5 W	190 nm	20 μm	6000 Hz	Metallic	12 x 12 mm	44
QE12LP-S-MB	850 mJ	700 nJ	3 W	190 nm	20 μm	300 Hz	Broadband	12 x 12 mm	44
QE12LP-H-MB	850 mJ	700 nJ	5 W	190 nm	20 μm	300 Hz	Broadband	12 x 12 mm	44
QE12SP-S-MT + QED-12	1.6 J	25 μJ	7.5 W	308 nm	2.1 μm	6000 Hz	Metallic	9 x 9 mm	44
QE12SP-H-MT + QED-12	1.6 J	25 μJ	12.5 W	308 nm	2.1 μm	6000 Hz	Metallic	9 x 9 mm	44
QE25SP-S-MT	3 J	2 μJ	5 W	190 nm	20 μm	6000 Hz	Metallic	25 x 25 mm	46
QE25SP-H-MT	3 J	2 μJ	10 W	190 nm	20 μm	6000 Hz	Metallic	25 x 25 mm	46
QE25LP-S-MB	3.8 J	4 μJ	5 W	190 nm	20 μm	300 Hz	Broadband	25 x 25 mm	46
QE25LP-H-MB	3.8 J	4 μJ	10 W	190 nm	20 μm	300 Hz	Broadband	25 x 25 mm	46
QE12LP-S-MB + QED-12	3.9 J	3 μJ	7.5 W	308 nm	2.1 μm	300 Hz	Broadband	9 x 9 mm	44
QE12LP-H-MB + QED-12	3.9 J	3 μJ	12.5 W	308 nm	2.1 μm	300 Hz	Broadband	9 x 9 mm	44
QE25SP-S-MT + QED-25	10 J	6 μJ	15 W	308 nm	2.1 μm	6000 Hz	Metallic	22 x 22 mm	46
QE25SP-H-MT + QED-25	10 J	6 μJ	30 W	308 nm	2.1 μm	6000 Hz	Metallic	22 x 22 mm	46
QE50SP-S-MT	13 J	10 μJ	10 W	190 nm	20 μm	4000 Hz	Metallic	50 x 50 mm	48
QE50SP-H-MT	13 J	10 μJ	20 W	190 nm	20 μm	4000 Hz	Metallic	50 x 50 mm	48
QE50LP-S-MB	15 J	10 μJ	10 W	190 nm	20 μm	200 Hz	Broadband	50 x 50 mm	48
QE50LP-H-MB	15 J	10 μJ	20 W	190 nm	20 μm	200 Hz	Broadband	50 x 50 mm	48
QE25LP-S-MB + QED-25	23 J	15 μJ	15 W	308 nm	2.1 μm	300 Hz	Broadband	22 x 22 mm	46
QE25LP-H-MB + QED-25	23 J	15 μJ	30 W	308 nm	2.1 μm	300 Hz	Broadband	22 x 22 mm	46
QE65LP-S-MB	25 J	10 μJ	12 W	190 nm	20 μm	100 Hz	Broadband	65 x 65 mm	50
QE65LP-H-MB	25 J	10 μJ	40 W	190 nm	20 μm	100 Hz	Broadband	65 x 65 mm	50
QE65ELP-S-MB	25 J	20 μJ	12 W	190 nm	20 μm	20 Hz	Broadband	65 x 65 mm	50
QE65ELP-H-MB	25 J	20 μJ	40 W	190 nm	20 μm	20 Hz	Broadband	65 x 65 mm	50
QE95LP-S-MB	35 J	15 μJ	20 W	190 nm	20 μm	40 Hz	Broadband	95 mm Ø	52
QE95LP-H-MB	35 J	15 μJ	40 W	190 nm	20 μm	40 Hz	Broadband	95 mm Ø	52
QE95ELP-S-MB	35 J	30 μJ	20 W	190 nm	20 μm	10 Hz	Broadband	95 mm Ø	52
QE95ELP-H-MB	35 J	30 μJ	40 W	190 nm	20 μm	10 Hz	Broadband	95 mm Ø	52
QE50SP-S-MT + QED-50	44 J	30 μJ	25 W	308 nm	2.1 μm	4000 Hz	Metallic	47 x 47 mm	48
QE50SP-H-MT + QED-50	44 J	30 μJ	45 W	308 nm	2.1 μm	4000 Hz	Metallic	47 x 47 mm	48
QE50LP-S-MB + QED-50	85 J	30 μJ	25 W	308 nm	2.1 μm	200 Hz	Broadband	47 x 47 mm	48
QE50LP-H-MB + QED-50	85 J	30 μJ	45 W	308 nm	2.1 μm	200 Hz	Broadband	47 x 47 mm	48
QE65LP-S-MB + QED-65	125 J	30 μJ	30 W	308 nm	2.1 μm	100 Hz	Broadband	62 x 62 mm	50
QE65LP-H-MB + QED-65	125 J	30 μJ	90 W	308 nm	2.1 μm	100 Hz	Broadband	62 x 62 mm	50
QE95LP-S-MB + QED-95	150 J	45 μJ	45 W	308 nm	2.1 μm	40 Hz	Broadband	90 mm Ø	52
QE95LP-H-MB + QED-95	150 J	45 μJ	90 W	308 nm	2.1 μm	40 Hz	Broadband	90 mm Ø	52
PRONTO-500-IPL	350 J	500 mJ	NA	190 nm	2.5 μm	0.06 Hz	Broadband	55 mm Ø	60

* at 1064 nm, 7 ns, 10 Hz