



Kvant Lasers Germany
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All following lasers are standard products. Custom design on request. Price includes an OEM driver. Specifications are subject to change w/o notice.

BLUE laser modules, 445 nm

		End User	
BLM-3000B	P = 3 W, ϕ 3x3 mm, half angle div. 0.7/0.3 mrad	1 720 €	
BLM-4000B	P = 4 W, ϕ 5.5x4.5 mm, half angle div. 0.7/0.2 mrad	1 870 €	
BLM-6000B	P = 6 W, ϕ 6x4.5 mm, half angle div. 0.7/0.2 mrad	2 470 €	
BLM-9000B	P = 9 W, ϕ 6x6 mm, half angle div. 0.7/0.3 mrad	3 470 €	
BLM-12kB	P = 12 W, ϕ 6x6 mm, half angle div. 0.7/0.3 mrad	4 020 €	
BLM-24kB	P = 24 W, ϕ 11x10 mm, half angle div. 0.7/0.3 mrad	6 380 €	
BLM-30kB-HS	P = 30 W, ϕ 12x10 mm, half angle div. 1.1/0.3 mrad, incl. heat sink	8 630 €	

BLUE COMBO laser modules, 445&460 nm – low divergence

	End User	
BLM-11kLD	P = 11 W (6W of 445nm, 5W of 460nm), ϕ 5.5x5.5 mm, half angle div. 0.4/0.3 mrad	6 030 €

BLUE laser modules, 455 nm, square beam

	End User	
BLM-20kF	P = 20 W, ϕ 6x7 mm, half angle div. 0.6 mrad	3 920 €
BLM-30kF	P = 30 W, ϕ 7x7 mm, half angle div. 0.6 mrad	4 380 €
BLM-50kF	P = 50 W, ϕ 6x7 mm, half angle div. 0.6 mrad	7 170 €

GREEN DIODE laser modules, 525 nm

	End User	
GLM-2500N	P = 2.5 W, ϕ 3.5x3.5 mm, half angle div. 0.5/0.2 mrad	2 080 €
GLM-4000N	P = 4 W, ϕ 5x4.5 mm, half angle div. 0.6/0.2 mrad	2 520 €
GLM-5500N	P = 5.5 W, ϕ 5x4.5 mm, half angle div. 0.6/0.2 mrad	3 020 €
GLM-8000N	P = 8 W, ϕ 6x5.5 mm, half angle div. 0.5/0.3 mrad	4 330 €
GLM-11kN	P = 11 W, ϕ 6x5.5 mm, half angle div. 0.5/0.2 mrad	5 120 €

GREEN DIODE laser modules, 525 nm, square beam

	End User	
GLM-7kF	P = 7 W, ϕ 5x5 mm, half angle div. 0.6 mrad	3 800 €
GLM-14kF	P = 14 W, ϕ 6x6 mm, half angle div. 0.5 mrad	6 900 €
GLM-17kF	P = 17 W, ϕ 7x6 mm, half angle div. 0.5 mrad	7 980 €



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RED laser modules, 637 nm

		End User	
RLM-350L	P = 350 mW, ϕ 3x3 mm, half angle div. 0.2 mrad	1 480 €	
RLM-700L	P = 700 mW, ϕ 2.5x3.5 mm, half angle div. 0.5 mrad	2 130 €	
RLM-1000L	P = 1000 mW, ϕ 3.5x3.5 mm, half angle div. 0.5 mrad	2 470 €	
RLM-2000L	P = 2000 mW, ϕ 3.5x3.5 mm, half angle div. 0.5 mrad	3 320 €	
RLM-3000L	P = 3000 mW, ϕ 5x3.5 mm, half angle div. 0.5 mrad	4 050 €	
RLM-4000L	P = 4000 mW, ϕ 4x5 mm, half angle div. 0.5 mrad	5 120 €	
RLM-5000L	P = 5000 mW, ϕ 5x5 mm, half angle div. 0.5 mrad	6 390 €	
RLM-6000L	P = 6000 mW, ϕ 5.5x5 mm, half angle div. 0.5 mrad	7 010 €	
RLM-7000L	P = 7000 mW, ϕ 6x5 mm, half angle div. 0.5 mrad	8 020 €	

RED laser modules, 638 nm, square beam

		End User	
RLM-6kF	P = 6 W, ϕ 5x7 mm, half angle div. 0.5 mrad	4 330 €	
RLM-7p5kF	P = 7.5 W, ϕ 6x7 mm, half angle div. 0.5 mrad	4 950 €	
RLM-9kF	P = 9 W, ϕ 7x7 mm, half angle div. 0.5 mrad,	5 650 €	
RLM-12kF	P = 12 W, ϕ 9x7 mm, half angle div. 0.5 mrad,	7 980 €	

RED-GREEN-BLUE laser modules

		End User	
RGB-2000DM	Full diode RGB module, OEM aluminum housing Blue: 445nm, 1.2W, ϕ 5.2x4.5 mm, 0.4/0.2 mrad Green: 525nm, 700mW, 5.2x4.5 mm, 0.35/0.2 mrad Red: 637nm, 400mW, 3.5x4.5 mm, 0.2 mrad	1540 €	
RGB-3000DM	Full diode RGB module, OEM aluminum housing Blue: 445nm, 1.5W, ϕ 4.5x4.5 mm, 0.4/0.2 mrad Green: 525nm, 1300mW, 4x3.5 mm, 0.4/0.2 mrad Red: 637nm, 750mW, 3.5x4.5 mm, 0.2 mrad	2090 €	
RGB-3400DM	Full diode RGB module, OEM aluminum housing Blue: 445nm, 1.5W, ϕ 4.5x4.5 mm, 0.4/0.2 mrad Green: 525nm, 1300mW, 4x4.5 mm, 0.4/0.2 mrad Red: 637nm, 1100mW, 3.5x4.5 mm, 0.3 mrad	2 190 €	

RED-GREEN-BLUE laser modules, square beam

		End User	
RGB-6kF-AI	P = 6 W, ϕ 5x7 mm: Blue: 455 nm, 2.5 W, 0.6 mrad Green: 525 nm, 2 W, 0.5 mrad Red: 638 nm, 1.5 W, 0.5 mrad	3 200 €	
RGB-10kF	P = 11 W, ϕ 6x7 mm: Blue: 455 nm, 5 W, 0.6 mrad Green: 525 nm, 3 W, 0.5 mrad Red: 638 nm, 3 W, 0.5 mrad	5 580 €	
RGB-18kF	P = 18 W, ϕ 7x7 mm: Blue: 455 nm, 8.5 W, 0.6 mrad Green: 525 nm, 5.5 W, 0.5 mrad Red: 638 nm, 4 W, 0.5 mrad	6 600 €	



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QUATTRO - FLOURESCENT MICROSCOPY laser modules

		End User	
RYCV-200	P = 200 mW (50 mW each color), λ = 405/488/561/637 nm, ϕ 4 mm, TEM00	16 590 €	
RYCV-600	P = 600 mW (150 mW each color), λ = 405/488/561/637 nm, ϕ 4 mm, TEM00	22 990 €	

Solid state laser modules

		End User	
OLM-180	DPSS laser module, P > 180 mW, 607nm, ϕ 3.2 mm, half angle div. 0.16 mrad	3 400 €	
RLM-400	DPSS laser module, P > 400 mW, 639nm, ϕ 2.8 mm, half angle div. 0.17 mrad	3 400 €	

MONOLITH - LABORATORY laser modules, 375-1000 nm

		End User	
375LM-70	P = 70 mW, λ = 375 nm, ϕ 4 mm, half angle div. 0.2 mrad	6 500 €	
375LM-200	P = 200 mW, λ = 375 nm, ϕ 3 mm, half angle div. 0.6 mrad	6 500 €	
375LM-200U	P = 200 mW, λ = 375 nm, ϕ 3 mm, half angle div. 0.6 mrad	4 320 €	
375LM-400	P = 400 mW, λ = 375 nm, ϕ 3 mm, half angle div. 0.9 mrad	8 670 €	
375LM-800	P = 800 mW, λ = 375 nm, ϕ 3 mm, half angle div. TBD	8 500 €	
395LM-120	P = 120 mW, λ = 395 nm, ϕ 4 mm, half angle div. 0.2 mrad	7 000 €	
405LM-200	P = 200 mW, λ = 405 nm, ϕ 4 mm, half angle div. 0.2 mrad	1 480 €	
405LM-300	P = 300 mW, λ = 405 nm, ϕ 4 mm, half angle div. 0.2 mrad	1 920 €	
405LM-600	P = 600 mW, λ = 405 nm, ϕ 4x4 mm, half angle div. 0.5 mrad	1920 €	
405LM-1k	P = 1000 mW, λ = 405 nm, ϕ 4x4 mm, half angle div. 0.6 mrad	2410 €	
405LM-1.2k	P = 1.2 W, λ = 405 nm, ϕ 4x4 mm, half angle div. 0.8 mrad	8 500 €	
405LM-2.5k	P = 2.5 W, λ = 405 nm, ϕ 4x4 mm, half angle div. TBD	8 500 €	
415LM-120	P = 120 mW, λ = 415 nm, ϕ 4 mm, half angle div. 0.2 mrad	7 000 €	
425LM-120	P = 120 mW, λ = 425 nm, ϕ 4 mm, half angle div. 0.2 mrad	7 000 €	
445LM-100	P = 100 mW, λ = 445 nm, ϕ 4 mm, half angle div. 0.2 mrad	1 480 €	
445LM-500	P = 500 mW, λ = 445 nm, ϕ 4 mm, half angle div. 0.2 mrad	7 000 €	
458LM-500	P = 500 mW, λ = 458 nm, ϕ 4 mm, half angle div. 0.2 mrad	7 000 €	
445LM-1.5k	P = 1.5 W, λ = 445 nm, ϕ 4x4 mm, half angle div. 0.5 mrad	1 480 €	
445LM-3.5k	P = 3.5 W, λ = 445 nm, ϕ 3x4 mm, half angle div. 1.4 mrad	1 650 €	
455LM-5k	P = 5 W, λ = 455 nm, ϕ 4x4 mm, half angle div. 1.3 mrad	1830 €	
462LM-1.4k	P = 1.4 W, λ = 462 nm, ϕ 4x4 mm, half angle div. 0.5 mrad	1510 €	
465LM-4k	P = 4 W, λ = 465 nm, ϕ 3x4 mm, half angle div. 1.3 mrad	1830 €	
473LM-100	P = 100 mW, λ = 473 nm, ϕ 4x4 mm, half angle div. 0.2 mrad	6 500 €	
473LM-1k	P = 1 W, λ = 473 nm, ϕ 4x4 mm, half angle div. 0.5 mrad	7 000 €	
488LM-50	P = 50 mW, λ = 488 nm, ϕ 4x4 mm, half angle div. 0.2 mrad	1650 €	
488LM-200	P = 200 mW, λ = 488 nm, ϕ 4x4 mm, half angle div. 0.2 mrad	8 670 €	
488LM-2k	P = 2 W, λ = 488 nm, ϕ 3x4 mm, half angle div. mrad	8 670 €	
520LM-120	P = 120 mW, λ = 520 nm, ϕ 4 mm, half angle div. 0.2 mrad	1 480 €	
532LM-1.3k	P = 1.3 W, λ = 532 nm, ϕ 3x3.5 mm, half angle 0.6x0.2 mrad	4 500 €	
637LM-170	P = 170 mW, λ = 637 nm, ϕ 4 mm, half angle div. 0.2 mrad	1 480 €	
638LM-600	P = 600 mW, λ = 638 nm, ϕ 6x4 mm, half angle 0.8x0.2 mrad	1 650 €	
638LM-1.2k	P = 1.2 W, λ = 638 nm, ϕ 3x5 mm, half angle 2.8x0.2 mrad	1 650 €	
660LM-160	P = 160 mW, λ = 660 nm, ϕ 4 mm, half angle div. 0.2 mrad	1 480 €	
808LM-1k	P = 1 W, λ = 808 nm, ϕ 4 mm, half angle div. 1.5x0.2 mrad	1 650 €	



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808LM-2k	P = 2 W, λ = 808 nm, ϕ 4 mm, half angle div. 3x0.2 mrad	2650 €	
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MONOLITH - LABORATORY laser modules - EQUIPMENT

"-FC"	Fiber coupling – single diode module (input coupler, fiber 50um, output collimator)	+ 1500 €	
"-FC200"	Fiber coupling – multi diode module (input coupler, fiber 200um, output collimator)	+ 1400 €	
"-FCSM"	Fiber coupling – single mode, polarization maintaining fiber coupling (input coupler, SM PM fiber, output collimator)	+ 2390 €	
"-FCOPSL"	Fiber coupling – for OPSL OEM laser head (fiber \geq 50 um)	+ 1800 €	
"-HS"	Heat sink for low to medium power laser module	+ 280 €	
	Module controller: diode current adjustment, external modulation, fixed diode temperature	1390 €	
	Module controller: diode current and diode temperature adjustment, external modulation	1590 €	
Shutter	Manual mechanical shutter for the laser beam	+ 1500 €	
Indust. PSU	Industrial OEM PSU, 24V/2.5A, TracoPower TXL 060-24S	85 €	
Deskt. PSU	Desktop PSU, 24V/2.5A, MeanWell GSM60A24-P1J	59 €	
Potentiometer	Manual potentiometer to adjust the laser beam intensity	59 €	

COHERENT OPSL lasers



End User OEM*	End User BenchTop ^x
Genesis Taipan 460 SM	P = 2 W
Genesis Taipan 460 MM	P = 2 W
Genesis Taipan 480 SM	P = 2 W
Genesis Taipan 480 MM	P = 2 W
Genesis Taipan 480 MM	P = 4 W
Genesis Taipan 488 SM	P = 3 W
Genesis Taipan 488 MM	P = 3 W
Genesis Taipan 488 MM	P = 5 W
Genesis Taipan 514 MM	P = 3 W
Genesis Taipan 514 MM	P = 5 W
Genesis Taipan 532 SM	P = 3 W
Genesis Taipan 532 MM	P = 3 W
Genesis Taipan 532 SM	P = 5 W
Genesis Taipan 532 MM	P = 5 W
Genesis Taipan 532 MM	P = 8 W
Genesis Taipan 532 MM	P = 10 W
Genesis Taipan 577 SM	P = 3 W
Genesis Taipan 577 MM	P = 3 W
Genesis Taipan 577 MM	P = 5 W
Genesis Taipan 577 MM	P = 6 W
Genesis Taipan 561 MM	P = 2 W
Genesis Taipan 590 SM	P = 2 W

ϕ 2.3 mm, full angle div. 1.5 mrad for MM, <0.4 mrad for SM

+5800 €



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Genesis Taipan 590 MM	P = 3 W		25173 \$			
Genesis Taipan 639 MM	P = 2.5 W		31780 \$			
Genesis Taipan 639 MM	P = 5 W		53605 \$			

* The OEM modules include laser head, driver board, power supply, TEC, mounting base plate and heat sink.

^x The BenchTop version is a stand alone instrument