

## PRICE LIST March 2023

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, $\phi$ 3x3 mm, half angle div. 0.7/0.3 mrad	1 720 €	
BLM-4000B	P = 4 W, $\phi$ 5.5x4.5 mm, half angle div. 0.7/0.2 mrad	1 870 €	
BLM-6000B	P = 6 W, $\phi$ 6x4.5 mm, half angle div. 0.7/0.2 mrad	2 470 €	
BLM-9000B	P = 9 W, $\phi$ 6x6 mm, half angle div. 0.7/0.3 mrad	3 470 €	
BLM-12kB	P = 12 W, $\phi$ 6x6 mm, half angle div. 0.7/0.3 mrad	4 020 €	
BLM-24kB	P = 24 W, $\phi$ 11x10 mm, half angle div. 0.7/0.3 mrad	6 380 €	
BLM-30kB-HS	P = 30 W, $\phi$ 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), $\phi$ 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, $\phi$ 6x7 mm, half angle div. 0.6 mrad	3 920 €	
BLM-30kF	P = 30 W, $\phi$ 7x7 mm, half angle div. 0.6 mrad	4 380 €	
BLM-50kF	P = 50 W, $\phi$ 6x7 mm, half angle div. 0.6 mrad	7 170 €	

### GREEN DIODE laser modules, 525 nm

		End User	
GLM-2500N	P = 2.5 W, $\phi$ 3.5x3.5 mm, half angle div. 0.5/0.2 mrad	2 080 €	
GLM-4000N	P = 4 W, $\phi$ 5x4.5 mm, half angle div. 0.6/0.2 mrad	2 520 €	
GLM-5500N	P = 5.5 W, $\phi$ 5x4.5 mm, half angle div. 0.6/0.2 mrad	3 020 €	
GLM-8000N	P = 8 W, $\phi$ 6x5.5 mm, half angle div. 0.5/0.3 mrad	4 330 €	
GLM-11kN	P = 11 W, $\phi$ 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, $\phi$ 5x5 mm, half angle div. 0.6 mrad	3 800 €	
GLM-14kF	P = 14 W, $\phi$ 6x6 mm, half angle div. 0.5 mrad	6 900 €	
GLM-17kF	P = 17 W, $\phi$ 7x6 mm, half angle div. 0.5 mrad	7 980 €	

## RED laser modules, 637 nm

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

## RED laser modules, 638 nm, square beam

		End User	
<b>RLM-6kF</b>	P = 6 W, $\phi$ 5x7 mm, half angle div. 0.5 mrad	4 330 €	
<b>RLM-7p5kF</b>	P = 7.5 W, $\phi$ 6x7 mm, half angle div. 0.5 mrad	4 950 €	
<b>RLM-9kF</b>	P = 9 W, $\phi$ 7x7 mm, half angle div. 0.5 mrad,	5 650 €	
<b>RLM-12kF</b>	P = 12 W, $\phi$ 9x7 mm, half angle div. 0.5 mrad,	7 980 €	

## RED-GREEN-BLUE laser modules

		End User	
<b>RGB-2000DM</b>	Full diode RGB module, OEM aluminum housing Blue: 445nm, 1.2W, $\phi$ 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 €	
<b>RGB-3000DM</b>	Full diode RGB module, OEM aluminum housing Blue: 445nm, 1.5W, $\phi$ 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 €	
<b>RGB-3400DM</b>	Full diode RGB module, OEM aluminum housing Blue: 445nm, 1.5W, $\phi$ 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	
<b>RGB-6kF-AI</b>	P = 6 W, $\phi$ 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 €	
<b>RGB-10kF</b>	P = 11 W, $\phi$ 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 €	
<b>RGB-18kF</b>	P = 18 W, $\phi$ 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 €	

## QUATTRO - FLOURESCENT MICROSCOPY laser modules

		End User	
<b>RYCV-200</b>	P = 200 mW (50 mW each color), $\lambda = 405/488/561/637$ nm, $\phi$ 4 mm, TEM00	16 590 €	
<b>RYCV-600</b>	P = 600 mW (150 mW each color), $\lambda = 405/488/561/637$ nm, $\phi$ 4 mm, TEM00	22 990 €	

## Solid state laser modules

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

## MONOLITH - LABORATORY laser modules, 375-1000 nm

		End User	
<b>375LM-70</b>	P = 70 mW, $\lambda = 375$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	6 500 €	
<b>375LM-200</b>	P = 200 mW, $\lambda = 375$ nm, $\phi$ 3 mm, half angle div. 0.6 mrad	6 500 €	
<b>375LM-200U</b>	P = 200 mW, $\lambda = 375$ nm, $\phi$ 3 mm, half angle div. 0.6 mrad	4 320 €	
<b>375LM-400</b>	P = 400 mW, $\lambda = 375$ nm, $\phi$ 3 mm, half angle div. 0.9 mrad	8 670 €	
<b>375LM-800</b>	P = 800 mW, $\lambda = 375$ nm, $\phi$ 3 mm, half angle div. TBD	8 500 €	
<b>395LM-120</b>	P = 120 mW, $\lambda = 395$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	7 000 €	
<b>405LM-200</b>	P = 200 mW, $\lambda = 405$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	1 480 €	
<b>405LM-300</b>	P = 300 mW, $\lambda = 405$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	1 920 €	
<b>405LM-600</b>	P = 600 mW, $\lambda = 405$ nm, $\phi$ 4x4 mm, half angle div. 0.5 mrad	1 920 €	
<b>405LM-1k</b>	P = 1000 mW, $\lambda = 405$ nm, $\phi$ 4x4 mm, half angle div. 0.6 mrad	2 410 €	
<b>405LM-1.2k</b>	P = 1.2 W, $\lambda = 405$ nm, $\phi$ 4x4 mm, half angle div. 0.8 mrad	8 500 €	
<b>405LM-2.5k</b>	P = 2.5 W, $\lambda = 405$ nm, $\phi$ 4x4 mm, half angle div. TBD	8 500 €	
<b>415LM-120</b>	P = 120 mW, $\lambda = 415$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	7 000 €	
<b>425LM-120</b>	P = 120 mW, $\lambda = 425$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	7 000 €	
<b>445LM-100</b>	P = 100 mW, $\lambda = 445$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	1 480 €	
<b>445LM-500</b>	P = 500 mW, $\lambda = 445$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	7 000 €	
<b>458LM-500</b>	P = 500 mW, $\lambda = 458$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	7 000 €	
<b>445LM-1.5k</b>	P = 1.5 W, $\lambda = 445$ nm, $\phi$ 4x4 mm, half angle div. 0.5 mrad	1 480 €	
<b>445LM-3.5k</b>	P = 3.5 W, $\lambda = 445$ nm, $\phi$ 3x4 mm, half angle div. 1.4 mrad	1 650 €	
<b>455LM-5k</b>	P = 5 W, $\lambda = 455$ nm, $\phi$ 4x4 mm, half angle div. 1.3 mrad	1 830 €	
<b>462LM-1.4k</b>	P = 1.4 W, $\lambda = 462$ nm, $\phi$ 4x4 mm, half angle div. 0.5 mrad	1 510 €	
<b>465LM-4k</b>	P = 4 W, $\lambda = 465$ nm, $\phi$ 3x4 mm, half angle div. 1.3 mrad	1 830 €	
<b>473LM-100</b>	P = 100 mW, $\lambda = 473$ nm, $\phi$ 4x4 mm, half angle div. 0.2 mrad	6 500 €	
<b>473LM-1k</b>	P = 1 W, $\lambda = 473$ nm, $\phi$ 4x4 mm, half angle div. 0.5 mrad	7 000 €	
<b>488LM-50</b>	P = 50 mW, $\lambda = 488$ nm, $\phi$ 4x4 mm, half angle div. 0.2 mrad	1 650 €	
<b>488LM-200</b>	P = 200 mW, $\lambda = 488$ nm, $\phi$ 4x4 mm, half angle div. 0.2 mrad	8 670 €	
<b>488LM-2k</b>	P = 2 W, $\lambda = 488$ nm, $\phi$ 3x4 mm, half angle div. mrad	8 670 €	
<b>520LM-120</b>	P = 120 mW, $\lambda = 520$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	1 480 €	
<b>532LM-1.3k</b>	P = 1.3 W, $\lambda = 532$ nm, $\phi$ 3x3.5 mm, half angle 0.6x0.2 mrad	4 500 €	
<b>637LM-170</b>	P = 170 mW, $\lambda = 637$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	1 480 €	
<b>638LM-600</b>	P = 600 mW, $\lambda = 638$ nm, $\phi$ 6x4 mm, half angle 0.8x0.2 mrad	1 650 €	
<b>638LM-1.2k</b>	P = 1.2 W, $\lambda = 638$ nm, $\phi$ 3x5 mm, half angle 2.8x0.2 mrad	1 650 €	
<b>660LM-160</b>	P = 160 mW, $\lambda = 660$ nm, $\phi$ 4 mm, half angle div. 0.2 mrad	1 480 €	
<b>808LM-1k</b>	P = 1 W, $\lambda = 808$ nm, $\phi$ 4 mm, half angle div. 1.5x0.2 mrad	1 650 €	

808LM-2k	P = 2 W, $\lambda$ = 808 nm, $\phi$ 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)	End user price not defined	+ 1350 €
"-FC200"	Fiber coupling – multi diode module (input coupler, fiber 200um, output collimator)		+ 1200 €
"-FCSM"	Fiber coupling – single mode, polarization maintaining fiber coupling (input coupler, SM PM fiber, output collimator)		+ 1990 €
"-FCOPSL"	Fiber coupling – for OPSL OEM laser head (fiber $\geq$ 50 um)		+ 1550 €
"-HS"	Heat sink for low to medium power laser module		+ 220 €
	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	End user price not defined	+ 1350 €
Indust. PSU	Industrial OEM PSU, 24V/2.5A, TracoPower TXL 060-24S		45 €
Deskt. PSU	Desktop PSU, 24V/2.5A, MeanWell GSM60A24-P1J		29 €
Potentiometer	Manual potentiometer to adjust the laser beam intensity		30 €

## COHERENT OPSL lasers

		End User OEM*	End User BenchTop <sup>x</sup>
Genesis Taipan 460 SM	P = 2 W	20023 \$	+5800 €
Genesis Taipan 460 MM	P = 2 W	17998 \$	
Genesis Taipan 480 SM	P = 2 W	24582 \$	
Genesis Taipan 480 MM	P = 2 W	21963 \$	
Genesis Taipan 480 MM	P = 4 W	26683 \$	
Genesis Taipan 488 SM	P = 3 W	25456 \$	
Genesis Taipan 488 MM	P = 3 W	21963 \$	
Genesis Taipan 488 MM	P = 5 W	26683 \$	
Genesis Taipan 514 MM	P = 3 W	16442 \$	
Genesis Taipan 514 MM	P = 5 W	20698 \$	
Genesis Taipan 532 SM	P = 3 W	16063 \$	
Genesis Taipan 532 MM	P = 3 W	14555 \$	
Genesis Taipan 532 SM	P = 5 W	19652 \$	
Genesis Taipan 532 MM	P = 5 W	17675 \$	
Genesis Taipan 532 MM	P = 8 W	19440 \$	
Genesis Taipan 532 MM	P = 10 W	22232 \$	
Genesis Taipan 577 SM	P = 3 W	27042 \$	
Genesis Taipan 577 MM	P = 3 W	23285 \$	
Genesis Taipan 577 MM	P = 5 W	23280 \$	
Genesis Taipan 577 MM	P = 6 W	32252 \$	
Genesis Taipan 561 MM	P = 2 W	27042 \$	
Genesis Taipan 590 SM	P = 2 W	22287 \$	

$\phi$  2.3 mm, full angle div. 1.5 mrad for MM,  $<0.4$  mrad for SM



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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.

<sup>x</sup> The BenchTop version is a stand alone instrument