

Measurement Products for Use with Coherent Lasers

Models in a blue highlighted box offer plug-and-play, meterless options. These models can be connected directly to your interface using USB or RS-232 connections and do not require a separate, standalone meter.

CO₂ (DIAMOND)	Wavelength	Power Meter	Power Sensor
C-20, C-30, C-30+	9.3, 10.6 μm	FieldMaxII-TO	PM30
C-40, C-55, C-60, C60+ C-70, J-2	10.6, 9.4 μm	FieldMaxII-TO	PM150
J-3-5 CO Laser	5 μm	FieldMaxII-TO	PM300, PM300F
E-150, GEM-100, G-100, G-150, G-100i	10.6, 9.4 μm	FieldMaxII-TO	PM150
E-250, E250i, J-3	10.6, 9.4 μm	FieldMaxII-TO	PM300F-19
E-400, E-400i, E-1000, J-5, K-500	10.6 μm	FieldMaxII-TO	PM1K
Industrial Fiber & Diode Lasers	Wavelength	Power Meter	Power Sensor
HighLight FL Series		FieldMaxII-TO	PM5K
HighLight FL 1000P	1064 nm	FieldMaxII-TO	PM5K
HighLight D-Series	975 nm	FieldMaxII-TO	PM5K
DF Series		FieldMaxII-TO	PM5K
CORELASE		FieldMaxII-TO	PM5K
Lasag			
PWS Mini			
QFS w FLBK SC	1055 to 1070 nm	FieldMaxII-TO	PM150-50
SLS	1064 nm	FieldMaxII-TO	PM150-50, PM5K
NA	1064 nm	FieldMaxII-TO	PM150-50
KLS	1064 nm	FieldMaxII-TO	PM150-50
FLS CL	1064 nm	FieldMaxII-TO	PM5K
FLS A	1064 nm	FieldMaxII-TO	PM5K
QFS 50	1055 to 1070 nm	FieldMaxII-TO	PM150-50
Starfiber 100, 200	1070 nm	FieldMaxII-TO	PM150-50, PM300
Starfiber 400, 600	1070 nm	FieldMaxII-TO	PM1K
CW Solid State Laser	Wavelength	Power Meter	Power Sensor
Genesis Lasers	355 to 577 nm	FieldMaxII-TO	PM10
Sapphire Laser	458 to 594 nm	FieldMaxII-TO	PS10
OBIS Lasers	355 to 785 nm	FieldMaxII-TO	PS10
Verdi Lasers	532 nm	FieldMaxII-TO	PM10, PM30
Diode Lasers	Wavelength	Power Meter	Power Sensor
CUBE	375 to 785 nm	FieldMaxII-TO	PS10
OBIS	355 to 785 nm	FieldMaxII-TO	PS10
Radius	375 to 635 nm	FieldMaxII-TO	PS10
all laser diode modules		FieldMaxII-TO	PS10
FAP	780 to 840 nm	LabMax-TOP	LM-150FS + SMA adapter
Duo FAP	785 to 820 nm	LabMax-TOP	LM-150FS + SMA adapter
Quattro FAP	790 to 980 nm	LabMax-TOP	LM-150FS + SMA adapter
HighLight FAP	800 to 820 nm	LabMax-TOP	LM-150FS + SMA adapter
HighLight 1000FL	1100 nm	FieldMaxII-TO	PM1K
HighLight FL series	1070 nm	FieldMaxII-TO	PM5K-100

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Diode Lasers (continued)		Wavelength	Power Meter	Power Sensor	
Highlight FL CSM ARM		1070 nm	FieldMaxII-TO	PM6k+ or USB PM6k+	
HighLight D-Series		975 nm	call factory	call factory	
Diode-Pumped Solid-State (CW)		Wavelength	Power Meter	Power Sensor	
Azure		266 nm	FieldMaxII-TO	PM10X or PS10*	
Compass 115M, 215M, 315M		532 nm	FieldMaxII-TO	PS10	
MBD 200		455 to 1070 nm	FieldMaxII-TO	PS10	
MBD 266		266 nm	FieldMaxII-TO	PM10X or PS10*	
Mephisto, Mephisto S		1064, 1319 nm	FieldMaxII-TO	PM10	
Mephisto MOPA (<30 W)		1064 nm	FieldMaxII-TO	PM30	
Mephisto MOPA (>30 W)		1064 nm	FieldMaxII-TO	PM150	
Paladin 355 (<10 W)		355 nm	FieldMaxII-TO	PM10X	
Paladin 355 (>10 W)		355 nm	FieldMaxII-TO	PM30X	
Paladin NX 355 (35 W)		355 nm	FieldMaxII-TO	PM150-50XC	
Paladin 532		532 nm	FieldMaxII-TO	PM30	
Prometheus, Iodine Freq Stabilization		532, 1064 nm	FieldMaxII-TO	PM10 or PS10*	
Sapphire 458 to 594		458 to 594 nm	FieldMaxII-TO	PS10	
Sapphire 488 HP		488 nm	FieldMaxII-TO	PM10 or PS10*	
Verdi V-Series, G-Series (<10 W)		532 nm	FieldMaxII-TO	PM10	
Verdi V-Series, G-Series (>10 W)		532 nm	FieldMaxII-TO	PM30	
Verdi IR		1064 nm	FieldMaxII-TO	PM30	
Diode-Pumped Solid-State (pulsed)	Wavelength	Power Meter	Power Sensor	Energy Meter	Energy Sensor
AVIA (<10 W)	266, 355 nm	FieldMaxII-TO	PM10X		
AVIA (10 to 30 W)	355, 532 nm	FieldMaxII-TO	PM30X		
AVIA NX (>30 W)	355, 532 nm	FieldMaxII-TO	PM150		
Flare	355, 532, 1064 nm			LabMax-TOP	J-10MB-HE
Flare NX	343, 515, 1030 nm			LabMax-TOP	J-10MB-HE
Helios (Discontinued Jan 2019)	532, 1064 nm	FieldMaxII-TO	PM10		
HYPER RAPID 25	355, 532, 1064 nm	FieldMaxII-TO	PM30		
HYPER RAPID 30 HRR	355 nm	FieldMaxII-TO	PM30		
HYPER RAPID 50	355, 532, 1064 nm	FieldMaxII-TO	PM150		
HYPER RAPID NX 355-30	355 nm	FieldMaxII-TO	PM30X		
HYPER RAPID NXT	355, 532, 1064 nm	FieldMaxII-TO	PM150		
Mamba Green, IR	532, 1064 nm	FieldMaxII-TO	PM1K		
MATRIX 532, 1064	532, 1064 nm	FieldMaxII-TO	PM30		
MATRIX 355	355 nm	FieldMaxII-TO	PM10X		
Mephisto Q	1064 nm	FieldMaxII-TO	PM10 or PS10*	LabMax-TOP	J-10MT-10KHZ
RAPID, RAPID 10	355, 532, 1064	FieldMaxII-TO	PM10		
Staccato	1030 nm	FieldMaxII-TO	PM10		
SUPER RAPID-HE	355, 532, 1064	FieldMaxII-TO	PM10		
Talisker	355, 532, 1064 nm	FieldMaxII-TO	PM30		

* The PS10 is recommended when making higher resolution or low power measurements.

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Optically Pumped Semiconductor		Wavelength	Power Meter	Power Sensor		
Genesis 355		355 nm	FieldMaxII-TO	PS10		
Genesis		460 to 639 nm	FieldMaxII-TO	PM10		
Ion		Wavelength	Power Meter	Power Sensor		
Innova (<1 W)		200 to 1100 nm	FieldMaxII-TO	PS10		
Innova (>1 W)		200 to 1100 nm	FieldMaxII-TO	PM10		
Innova 300C		229 to 529 nm	FieldMaxII-TO	PM10 or PS10*		
Innova 70C		400 to 800 nm	FieldMaxII-TO	PM10 or PS10*		
Innova 90C		330 to 1090nm	FieldMaxII-TO	PM10 or PS10*		
Pulsed / Dye Tunable		Wavelength	Power Meter	Power Sensor		
MBR Ring		700 to 1030 nm	FieldMaxII-TO	PM10		
Ultrafast Lasers for Science		Wavelength	Power Meter	Power Sensor	Energy Meter	Energy Sensor
Axon		920, 1064 nm	FieldMaxII-TO	PS10		
Fidelity-2		1070 nm	FieldMaxII-TO	PM10		
Mira OPO		500 to 1600 nm	FieldMaxII-TO	PS10		
OPeA Solo		240 nm to 20 μm	FieldMaxII-TO	PS10	LabMax-TOP	J-10MT-10KHZ
TOPAS		240 nm to 20 μm	FieldMaxII-TO	PS10	LabMax-TOP	J-10MT-10KHZ
OPA 9400, 9800		480 to 2400 nm	FieldMaxII-TO	PS10		
Excimer Lasers & UV Beam Delivery		Wavelength	Power Meter	Power Sensor	Energy Meter	Energy Sensor
BraggStar M		248 nm	FieldMaxII-TO	PM30X	LabMax-TOP	J-50MUV-248
COMPexPro 50, 102, 110, 201, 205		193 nm	FieldMaxII-TO	PM150-50XC	FieldMaxII-TOP	J-50MUV-193
COMPexPro 50, 102, 110, 201, 205		248 nm	FieldMaxII-TO	PM150X	FieldMaxII-TOP	J-50MUV-248 + large heat sink
COMPexPro 102, 110, 201, 205		308, 351 nm	FieldMaxII-TO	PM150X	FieldMaxII-TOP	J-50MB-YAG
ExciStar XS 200		157, 193 nm	FieldMaxII-TO	PM10X	FieldMaxII-TOP	J-25MUV-193
ExciStar XS 200		248, 351 nm	FieldMaxII-TO	PM10X	FieldMaxII-TOP	J-25MUV-248
ExciStar XS 500		157, 193, 248, 351 nm	FieldMaxII-TO	PM10X	LabMax-TOP	J-25MT-10KHZ
ExciStar S		157, 193 nm	FieldMaxII-TO	PM10X	LabMax-TOP	J-25MT-10KHZ
ExciStar S		248 nm	FieldMaxII-TO	PM30X	LabMax-TOP	J-25MT-10KHZ + small heat sink
ExciStar S		308 nm	FieldMaxII-TO	PM10X	LabMax-TOP	J-25MT-10KHZ
IndyStar		193, 248 nm	FieldMaxII-TO	PM30X	LabMax-TOP	J-25MT-10KHZ + small heat sink
LEAP		248, 308 nm	FieldMaxII-TO	PM150X		
LEAP 300K, 300C		248, 308 nm	FieldMaxII-TO	PM300F-50X		
LPFPro 205, 220		157 nm	FieldMaxII-TO	PM150-50XC	FieldMaxII-TOP	J-50MUV-193
LPXPro 210, 220, 305		193, 248, 308, 351 nm	FieldMaxII-TO	PM150X		
Lambda SX-Series (<300 W)		248, 308 nm	FieldMaxII-TO	PM300F-50X		
Lambda SX-Series (>300 W)		308 nm	FieldMaxII-TO	PM1KX		
VYPER		308 nm	FieldMaxII-TO	PM1KX		

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Laser Diode Modules		Wavelength	Power Meter	Power Sensor		
Stingray and BioRay Lasers		405 to 830 nm	FieldMaxII-TO	PS10		
Mini Laser		635 to 830 nm	FieldMaxII-TOP	OP-2VIS		
Tunable Lasers		Wavelength	Power Meter	Power Sensor		
MBR Ring Series		700 to 1030 nm	FieldMaxII-TO	PM30		
MBD-200		455 to 1080 nm	FieldMaxII-TO	PM10 or PS10*		
Compact SE air-Cooled diode laser		808 to 980 nm	FieldMaxII-TO	PM150-50C		
INDUSTRIAL SHORT-PULSE LASERS						
Diode Pumped Solid State Femtosecond	Wavelength	Power Meter	Power Sensor	Energy Meter	Energy Sensor	
Rapid FX	1030 nm	FieldMaxII-TO	PM150-50C			
Monaco fs (20 to 60W)	517, 1035 nm	FieldMaxII-TO	PM150-50C	X	X	
Monaco UV	345 nm	FieldMaxII-TO	PM30X			
Monaco HE-2000-25	1030 nm	FieldMaxII-TO	PM30	LabMax-TOP	J-10MT-10KHZ	
Fidelity HP	1040 nm	FieldMaxII-TO	PM30, PM150-50C			
Fidelity -2	1070 nm	FieldMaxII-TO	PM10			
OperA Solo Ultrafast	1140 to 1600 nm					
OperA-F	650 to 900 nm					
ULTRAFAST LASERS FOR SCIENCE						
Ultrafast Oscillators		Wavelength	Power Meter	Power Sensor		
Mantis		800 nm	FieldMaxII-TO	PM10 or PS10*		
Micra		750 to 860 nm	FieldMaxII-TO	PM10 or PS10*		
Mira		700 to 980 nm	FieldMaxII-TO	PM10		
Mira 900		700 to 980 nm	FieldMaxII-TO	PM10		
Mira HP		700 to 980 nm	FieldMaxII-TO	PM10		
Vítara		755 to 860 nm	FieldMaxII-TO	PM10 or PS10*		
Vitesse		800 nm	FieldMaxII-TO	PM10 or PS10*		
Chameleon		680 to 1600 nm	FieldMaxII-TO	PM10		
Fidelity-2		1070 nm	FieldMaxII-TO	PM10		
Ultrafast Amplifiers		Wavelength	Power Meter	Power Sensor	Energy Meter	Energy Sensor
Astrella, Astrella HE		800 nm	FieldMaxII-TO	PM10	LabMax-TOP	J-25MT-10KHZ
Evolution-15, -30		527 nm	FieldMaxII-TO	PM30	LabMax-TOP	J-25MT-10KHZ + medium heat sink
Evolution-45, -HE		527 nm	FieldMaxII-TO	PM150		
Hidra		800 nm	FieldMaxII-TO	PM10V1	FieldMaxII-TOP	J-50MB-YAG
Legend Elite (all configurations)		770 to 845 nm	FieldMaxII-TO	PM10	LabMax-TOP	J-25MT-10KHZ + medium heat sink
Legend Elite Cryo PA		800 nm	FieldMaxII-TO	PM30	LabMax-TOP	J-25MT-10KHZ + medium heat sink
Libra (all configurations)		800 nm	FieldMaxII-TO	PM10	LabMax-TOP	J-25MT-10KHZ
RegA		480 nm to 10 µm	FieldMaxII-TO	PS10		

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INDUSTRIAL LASER MACHINES & SYSTEMS			
Laser Cutting Systems	Wavelength	Power Meter	Power Sensor
Meta 1.5C, 2C,		FieldMaxII-TO	PM1K
Meta 10C, 4C,		FieldMaxII-TO	PM3K
MPS Family	see laser type		
StarCut Tube	see laser type		
UW1200, 150RT	see laser type		
Laser Marking Systems	Wavelength	Power Meter	Power Sensor
CombiLine	see laser type		
LabelMarker	see laser type		
EasyMark F20, F30	1064, 1070 nm	FieldMaxII-TO	PM30
EasyMark F50	1070 nm	FieldMaxII-TO	PM150-50C
Powerline E 5 QT and PL E 8 QT	355 nm	FieldMaxII-TO	PM10X
Laser Welding Systems	Wavelength	Power Meter	Power Sensor
Desktop		SSIM	PMP HP
XE-Power		SSIM	PMP HP
Multi-Purpose Laser Systems	Wavelength	Power Meter	Power Sensor
MPS Family	see laser type		
ELA			
Vyper series	308 nm	LabMax-TO	PM1K-100
StarWeld Sub System	1064 nm	FieldMaxII-TO	PM1k+
StarFiber 100,200, 400, 600	1070 nm	FieldMaxII-TO	PM1k+
StarWeld SF150, 100,180		LabMax-Pro SSIM	PMP HP