

热电式激光功率计/能量计



新势力光电供应热电式**激光功率计/能量计**，分为表面吸收和体吸收两种模式，波长 0.193-26 μ m，功率 10-150W，能量 30-1000J，探测口径 8-200mm。该系列**激光功率计/能量计**广泛应用于：大功率连续激光器或脉冲激光器的激光/能量的测量。

Detectors							
Model	AC2500S	AC25FXS	ACX25FXS	AC2501S	ACX2501S	AC2504S	AC25UVS
Spec response, μ m	0.25-35	0.193-26	0.4-2	0.266-1.2	0.4-1.2	0.85-4.2	0.193-0.36
Aperture diameter	25.4mm	25.4mm	8mm	25.4mm	8mm	25.4mm	25.4mm
Type absorber	surface	surface	surface	volume	volume	volume	volume
Max Avg power	10W						
Min Avg power	1mW when installed in an Isoperibol Enclosure						
Max single pulse	30J						
Noise lever	10 μ W or μ J						
Accuracy	\pm 3%						
Repeatability	<1%						
Response time	3 secs when connected to a Scientech Indicator in watts mode						
Weight, kg	0.7	0.7	0.8	0.7	0.8	0.7	0.7
Dims(Dia \times L), mm	95 \times 56	95 \times 56	95 \times 97	95 \times 56	95 \times 97	95 \times 56	95 \times 56
Detectors							
Model	AC5000S	AC50FXS	ACX50FXS	AC5001S	ACX5001S	AC5004S	AC50UVS
Spec response, μ m	0.25-35	0.193-26	0.4-2	0.266-1.2	0.4-1.2	0.85-4.2	0.193-0.36
Aperture diameter	50.8mm	50.8mm	16mm	50.8mm	16mm	50.8mm	50.8mm
Type absorber	surface	surface	surface	volume	volume	volume	volume
Max Avg power	30W						
Min Avg power	40mW						
Max single pulse	100J						
Noise lever	400 μ W or μ J						

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Accuracy	±3%						
Repeatability	<1%						
Response time	3 secs when connected to a Scientech Indicator in watts mode						
Weight, kg	1.3	1.3	1.4	1.3	1.4	1.3	1.3
Dims(Dia×L), mm	121×58	121×58	121×100	121×58	121×100	121×58	121×58

Detectors				
Model	360401S	380401S	380402S	384UV5S
Spec response, μm	0.25-35	0.266-1.2	9-11	0.193-0.36
Aperture diameter	100mm			
Min beam diameter	50mm			
Type absorber	surface	volume	volume	volume
Max Avg power	50W with full illumination of absorbing surface			
Min Avg power	150mW			
Max single pulse	300J			
Noise lever	1.5mW or mJ			
Accuracy	±5%			
Repeatability	<1%			
Response time	3 secs when connected to a Scientech Indicator			
Weight, kg	2.7kg			
Dims(Dia×L), mm	152mm×203mm			
Detectors				
Model	360801S	380801S	380802S	388UV5S
Spec response, μm	0.25-35	0.266-1.2	9-11	0.193-0.36
Aperture diameter	200mm			
Min beam diameter	75mm			
Type absorber	surface	volume	volume	volume
Max Avg power	100W with full illumination of absorbing surface			
Min Avg power	700mW			
Max single pulse	1000J	500J	1000J	1000J
Noise lever	70mW or mJ			
Accuracy	±5%			
Repeatability	<1%			
Response time	3 secs when connected to a Scientech Indicator			
Weight, kg	7.3kg			

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Dims(Dia×L), mm	229mm×254mm
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Meters		
Model	AI310D	AI310
Display	digital	digital and analog
Power requirment	100-240VAC, 50-60Hz	
Case	metal	
Weight	0.5kg	
Dimensions(LWH)	160×107×38mm ³	
Options	Isoperibol enclosure, fiber holder and adapters, calibration tool, lithium battery, mounting system, bases, carring cases, photodiode detector.	

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