

AMYA Laser Power & Energy Meter Options

Items highlighted in **Bold** are recommended equipment

Power & Energy Meters (single-channel)

AMYA #	Model	RS-232	USB	Screen	Bargraph	Analog Meter	Starlab Software	Log Size	# Files	Ref
270-178	NOVA Display	Y	N	2"	Y	N	N	1,000	1	7Z01500
270-438	NOVA II Display	Y	Y	4"	Y	Y	Y	50,000	10	7Z01550
270-699	VEGA Display	Y	Y	3.5"	Y	Y	Y	250,000	10	7Z01560
270-628	Starlite Display	N	Y	3.5"	Y	Y	Y	0	0	7Z01565
270-282	USB Interface	N	Y	N/A	N	N	Y	Limited by PC		7Z01200
270-591	Juno USB Interface	N	Y	N/A	N	N	Y	Limited by PC		7Z01250

Thermopile / Thermal Sensor Heads

AMYA #	Power		Energy	Aperture	Wavelength	Cooling	Ref
	Continuous	Intermittent					
270-369	10mW – 4W	20W ¹	6mJ – 10J	12mm	190 – 20,000nm	Air	7Z02602
270-368	60mW – 5W	60W ¹	20mJ – 100J	18mm	190 – 20,000nm	Air	7N77023
270-284	80mW – 8W	30W ¹	20mJ – 60J	26mm	190 – 20,000nm	Air	7Z02273
270-370	80mW – 10W	50W ¹	30mJ – 30J	26mm	190 – 20,000nm	Air	773434
270-592	10mW – 30W	---	6mJ – 30J	17.5mm	190 – 20,000nm	Air	7Z02692
270-698	50mW – 30W	150W	60mJ – 200J	17mm	190 – 2,940nm	Air	7Z02722
270-180	100mW – 35W	150W	100mJ – 4000J	50mm	190 – 20,000nm	Air	7Z02626
270-485	100mW – 35W	150W	100mJ – 4000J	50mm	250 – 2,200nm + 2,940nm	Air	7Z02685S
270-595	40mW – 50W	150W	20mJ – 100J	26mm	190 – 20,000nm	Air	7Z02696
270-371	100mW – 50W	150W	40mJ – 300J	35mm	250 – 2,200nm	Air	7Z02726S
270-794	100mW – 150W	150W	100mJ – 4000J	50mm	190 – 20,000nm	Air	7Z02633
270-472	150mW – 250W	---	50mJ – 300J	35mm	190 – 20,000nm	Fan	7Z02728
270-593	150mW – 250W	---	80mJ – 300J	50mm	190 – 20,000nm	Fan	7Z02739
270-598	300mW – 400W	500W	75mJ – 600J	50mm	190 – 20,000nm	Fan	7Z02734
270-372	300mW – 400W	500W	75mJ – 600J	50mm	350 – 2,200nm + 10.6µm	Fan	7Z02749S
270-373	500mW – 600W	---	600mJ – 600J	65mm	190 – 20,000nm	Fan	7Z02762
270-594	5W – 1,000W	---	300mJ – 300J	34mm	190 – 20,000nm	Water	7Z02750
270-719	600mW – 1,100W	---	600mJ – 600J	65mm	190 – 20,000nm	Fan	7Z02761

1 – when properly heatsinked

Pyroelectric Sensor Heads

AMYA #	Energy	Max Freq	Aperture	Wavelength	Cooling	Ref
270-463	120µJ – 10J	250Hz	46mm	150 – 3,000nm + 10.6µm	Air	7Z02934
270-464	200µJ – 10J	250Hz	35mm	190 – 2,200nm + 2,940nm	Air	7Z02940

Photodiode Sensor Heads

AMYA #	Energy	Aperture	Wavelength	Cooling	Ref
270-479	500pW – 30mW 200µW – 300mW	10mm x 10mm	350 – 1,100nm (no filter) 430nm – 1,100nm (with filter)	Air	7Z02410

Power & Energy Meter Accessories

AMYA #	Energy	Ref
270-376	NOVA RS-232 Cable	7Y78105
270-725	VEGA / NOVA II - DB-9 to Mini-Din RS-232 Cable	7E01206
270-492	VEGA / NOVA II / Fan-cooled Sensor Power Supply	7E05029