

UV Analysis Lamps (Hand Lamps)

- Powder-coated light metal housing
- Mains Operation 220-240 V, 50/60 Hz (110-120 V, 50/60 Hz possible on request)
- Short-wave (254 nm), medium-wave (312 nm), long-wave (365 nm) and black light (365 nm)
- Multiwave Units with switch for required wave length
- Stand optionally available



⚠ Safety Advice:

UV radiation is dangerous for your eyes and skin. Always wear adequate UV protection!



S – Short-Wave – 254 nm (UV-C)

Model	Catalog No.	Filter Size (visible)	UV Tubes	Intensity* $\mu\text{W}/\text{cm}^2$	Housing Dimensions (L x W x H) without handle	Weight
UV-4 S	29 50 400	95 x 45 mm	1 x 4 W	500	195 x 70 x 65 mm	900 g
UV-6 S	29 50 500	145 x 45 mm	1 x 6 W	600	260 x 70 x 65 mm	1,050 g
UV-12 S	29 50 550	145 x 45 mm	2 x 6 W	1200	260 x 70 x 65 mm	1,500 g
UV-8 S	29 50 700	195 x 45 mm	1 x 8 W	680	335 x 70 x 65 mm	1,850 g
UV-16 S	29 50 750	195 x 45 mm	2 x 8 W	1300	335 x 70 x 65 mm	1,900 g
UV-15 S	29 50 800	290 x 60 mm	1 x 15 W	1200	495 x 85 x 80 mm	1,650 g
UV-30 S	29 50 850	290 x 60 mm	2 x 15 W	1400	495 x 85 x 80 mm	2,500 g

M – Medium-Wave – 312 (302) nm (UV-B)

Model	Catalog No.	Filter Size (visible)	UV Tubes	Intensity* $\mu\text{W}/\text{cm}^2$	Housing Dimensions (L x W x H) without handle	Weight
UV-6 M	29 50 510	145 x 45 mm	1 x 6 W	570	260 x 70 x 65 mm	1,050 g
UV-12 M	29 50 560	145 x 45 mm	2 x 6 W	1040	260 x 70 x 65 mm	1,500 g
UV-8 M	29 50 710	195 x 45 mm	1 x 8 W	650	335 x 70 x 65 mm	1,850 g
UV-16 M	29 50 760	195 x 45 mm	2 x 8 W	1250	335 x 70 x 65 mm	1,500 g
UV-15 M	29 50 810	290 x 60 mm	1 x 15 W	1100	495 x 85 x 80 mm	1,650 g
UV-30 M	29 50 860	290 x 60 mm	2 x 15 W	1300	495 x 85 x 80 mm	2,500 g

* measured in a distance of 15 cm

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L – Long-Wave – 365 nm (UV-A)

Model	Catalog No.	Filter Size (visible)	UV Tubes	Intensity* $\mu\text{W}/\text{cm}^2$	Housing Dimensions (L x W x H) without handle	Weight
UV-4 L	29 50 420	95 x 45 mm	1 x 4 W	550	195 x 70 x 65 mm	900 g
UV-6 L	29 50 520	145 x 45 mm	1 x 6 W	850	260 x 70 x 65 mm	1,050 g
UV-12 L	29 50 570	145 x 45 mm	2 x 6 W	1700	260 x 70 x 65 mm	1,500 g
UV-8 L	29 50 720	195 x 45 mm	1 x 8 W	950	335 x 70 x 65 mm	1,850 g
UV-16 L	29 50 770	195 x 45 mm	2 x 8 W	1900	335 x 70 x 65 mm	1,500 g
UV-15 L	29 50 820	290 x 60 mm	1 x 15 W	1300	495 x 85 x 80 mm	1,650 g
UV-30 L	29 50 870	290 x 60 mm	2 x 15 W	1800	495 x 85 x 80 mm	2,500 g

BLB – Black Light – 365 nm (UV-A)

Model	Catalog No.	Filter Size (visible)	UV Tubes	Intensity* $\mu\text{W}/\text{cm}^2$	Housing Dimensions (L x W x H) without handle	Weight
UV-4 BLB	29 50 425	Without Filter	1 x 4 W		195 x 70 x 65 mm	900 g
UV-6 BLB	29 50 525	Without Filter	1 x 6 W		260 x 70 x 65 mm	1,050 g
UV-12 BLB	29 50 575	Without Filter	2 x 6 W		260 x 70 x 65 mm	1,500 g
UV-8 BLB	29 50 725	Without Filter	1 x 8 W		335 x 70 x 65 mm	1,850 g
UV-16 BLB	29 50 775	Without Filter	2 x 8 W		335 x 70 x 65 mm	1,500 g
UV-15 BLB	29 50 825	Without Filter	1 x 15 W		495 x 85 x 80 mm	1,650 g
UV-30 BLB	29 50 875	Without Filter	2 x 15 W		495 x 85 x 80 mm	2,500 g



S/L– Short- and Long-Wave – 254 + 365 nm (UV-C + UV-A)

Model	Catalog No.	Filter Size (visible)	UV Tubes	Intensity* $\mu\text{W}/\text{cm}^2$	Housing Dimensions (L x W x H) without handle	Weight
UV-4 S/L	29 50 440	95 x 45 mm	je 1 x 4 W	500 (S) / 550 (L)	195 x 70 x 65 mm	1,250 g
UV-6 S/L	29 50 540	145 x 45 mm	je 1 x 6 W	600 (S) / 850 (L)	260 x 70 x 65 mm	1,500 g
UV-8 S/L	29 50 740	195 x 45 mm	je 1 x 8 W	680 (S) / 950 (L)	335 x 70 x 65 mm	1,500 g
UV-15 S/L	29 50 840	290 x 60 mm	je 1 x 15 W	1200(S) / 1300(L)	495 x 85 x 80 mm	2,500 g

S/M– Short- and Medium-Wave – 254 + 312 (302) nm (UV-C + UV-B)

Model	Catalog No.	Filter Size (visible)	UV Tubes	Intensity* $\mu\text{W}/\text{cm}^2$	Housing Dimensions (L x W x H) without handle	Weight
UV-6 S/M	29 50 545	145 x 45 mm	je 1 x 6 W	600 (S) / 570 (M)	260 x 70 x 65 mm	1,500 g
UV-8 S/M	29 50 745	195 x 45 mm	je 1 x 8 W	680 (S) / 650 (M)	335 x 70 x 65 mm	1,800 g
UV-15 S/M	29 50 845	290 x 60 mm	je 1 x 15 W	1200(S) / 1100(M)	495 x 85 x 80 mm	2,500 g

* measured in a distance of 15 cm

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Accessories and Spare Parts



Replacement UV Tubes for UV Analysis Lamps

For Model		Power	Wavelength	No. of Tubes per Unit	Cat. No.
UV-4	S	4 Watt	254 nm	1	29 83 300
	L	4 Watt	365 nm	1	29 83 500
	BLB	4 Watt	365 nm	1	29 83 508
UV-6 UV-12	S	6 Watt	254 nm	1 resp. 2	29 84 800
	M	6 Watt	312 (302) nm	1 resp. 2	29 84 900
	L	6 Watt	365 nm	1 resp. 2	29 85 000
	BLB	6 Watt	365 nm	1 resp. 2	29 85 008
UV-8 UV-16	S	8 Watt	254 nm	1 resp. 2	29 84 300
	M	8 Watt	312 (302) nm	1 resp. 2	29 84 400
	L	8 Watt	365 nm	1 resp. 2	29 84 500
	BLB	8 Watt	365 nm	1 resp. 2	29 84 508
UV-15 UV-30	S	15 Watt	254 nm	1 resp. 2	29 84 000
	M	15 Watt	312 (302) nm	1 resp. 2	29 84 100
	L	15 Watt	365 nm	1 resp. 2	29 84 200
	BLB	15 Watt	365 nm	1 resp. 2	29 84 208

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Stand and UV Protection

Catalog No.	Description
29 50 100	Table-top stand, height freely adjustable from 50 up to 270 mm
29 93 100	UV Protection Glasses
29 93 000	UV Full Face Protection



Replacement Electronic Ballasts

Catalog No.	Description
45 72 501	Electronic Ballast 230 V, for all Analysis Lamps and Transilluminators

Replacement Filters for UV Analysis Lamps

Catalog No.	Description
29 50 910	Replacement Filter 100 x 50 mm for Analysis Lamps 4 Watt
29 50 920	Replacement Filter 150 x 50 mm for Analysis Lamps 6 Watt or 12 Watt
29 50 930	Replacement Filter 200 x 50 mm for Analysis Lamps 8 Watt or 16 Watt
29 50 940	Replacement Filter 300 x 70 mm for Analysis Lamps 15 Watt or 30 Watt

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