

UV Analysis Lamps (Hand Lamps)



- **Handlamps in three wavelengths:**
254 nm = UV-C / 312 nm = UV-B / 365 nm = UV-A
- **Dual wavelenths with two switches or single wavelength**
- Black light lamps (365 nm) with filter or with tubes with blue coating
- Powder coated light metal housing
- Mains operation 220-240 V, 50/60 Hz
- possible on request 110-120 V, 50/60 Hz
- Cable approx. 1,80 m
- Stand, freely adjustable from 50 to 270 mm, optional

Advantages:

- ❖ **Big selection:** more than 35 models
- ❖ **Cut off filter for visible light**
for strong detection
- ❖ **High lifespan**

Safety Advice:

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

All Herolab products carry the CE sign. Herolab has its own Quality Management System which is according to ISO 9001. Herolab reserves the right to change technical specifications without prior notice.

❖ Hand Lamps with Dual Wavelengths



➤ 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	1.800 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

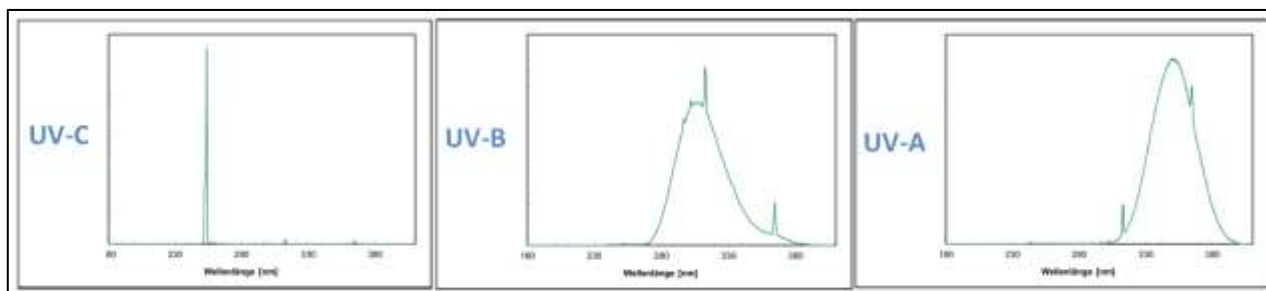
➤ M/L: medium and long wave – 312 (302) + 365 nm (UV-B + UV-A)

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-8 M/L	29 50 730	195 x 45 mm	je 1 x 8 W	650 (S) / 950 (M)	260 x 70 x 65 mm	1.800 g

* measured in distance of 15 cm



Emission Spectra



❖ Hand Lamps with Single Wavelength

Single switch



Double switch (2 tubes)



➤ 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

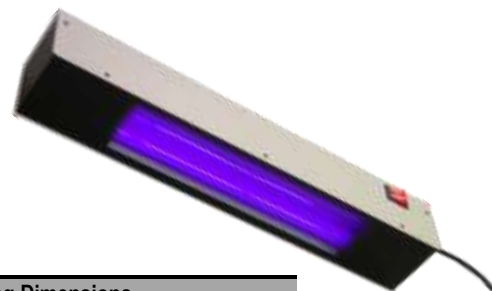
➤ L: long wave – 365 nm (UV-A) Black light

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

* measured in distance of 15 cm

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- **BLB: long wave – 365 nm (UV-A)**
Black light / Blue coated tubes / no filter



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

* measured in distance of 15 cm



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 bzw. 2	29 84 800
	M	6 Watt	312 (302) nm	1 bzw. 2	29 84 900
	L	6 Watt	365 nm	1 bzw. 2	29 85 000
	BLB	6 Watt	365 nm	1 bzw. 2	29 85 008
UV-8 UV-16	S	8 Watt	254 nm	1 bzw. 2	29 84 300
	M	8 Watt	312 (302) nm	1 bzw. 2	29 84 400
	L	8 Watt	365 nm	1 bzw. 2	29 84 500
	BLB	8 Watt	365 nm	1 bzw. 2	29 84 508
UV-15 UV-30	S	15 Watt	254 nm	1 bzw. 2	29 84 000
	M	15 Watt	312 (302) nm	1 bzw. 2	29 84 100
	L	15 Watt	365 nm	1 bzw. 2	29 84 200
	BLB	15 Watt	365 nm	1 bzw. 2	29 84 208

Replacement Electronic Ballasts

Katalog-Nr.	Beschreibung
45 72 501	Electronic Ballast 230 V, for all Analysis Lamps and Transilluminators

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