

SPECTROLINE® E-SERIES ULTRAVIOLET HAND LAMPS



Spectroline E-Series UV hand lamps are the most powerful units available of their type. A full range of 30 models offers various combinations of UV wavelength, intensity, size and wattage. These units are perfect for applications where a compact, lightweight lamp is desired.

All E-Series UV lamps feature a silver-anodized aluminum housing that makes the lamps both attractive and durable. A corrosion-resistant, specular-aluminum reflector optimizes UV irradiance. Standard with all short and medium wave models is our unique **LOGLIFE™** filter glass, which ensures higher initial UV intensity and is extremely resistant to solarization. Color-coded on/off power buttons, conveniently located on the top of the units, put irradiance control at your fingertips.

For even greater comfort and convenience, slide any E-Series lamp into the Spectroline SE-140 lamp stand or CH-180 carrying handle. The SE-140 is a sturdy, aluminum stand that easily holds the lamp for hands-free use. It is readily adjustable to any lamp height between 3-4" (7.6-10.2cm). To provide an instant hand grip, the CH-180 is available. This carrying handle readily mounts onto the lamp to facilitate hand-held applications.

In addition, the versatile E-Series lamps are a key component of the Spectroline CM-Series and CC-80 UV viewing cabinets. The lamps offer easy wavelength interchangeability, making these viewing systems ideal for numerous applications where a darkened environment is needed.

E-Series lamps come with integrally filtered or unfiltered UV tubes, available with or without a separate filter assembly. Unfiltered tubes provide the highest UV intensity. Integrally filtered tubes emit high UV intensity while absorbing most white light. Double-tubed units emit lower intensity than single-tubed units with the same wavelength, but they provide broader UV coverage. For maximum fluorescent contrast with the least white light transmission, choose a lamp with a filter assembly. The rated life of the tubes is 6,000 hours.

All E-Series UV lamps are UL listed and CSA approved.



APPLICATIONS

Long Wave UV

Medical Diagnosis • Dermatology • Cosmetology • Ophthalmology • Lice Detection • UV Curing • Non-Destructive Testing • Quality Control • Chromatography • Gel Electrophoresis • Mineralogy • Inspection of Conformal Coatings • Leak Detection • Criminology • Bacterial Identification • Specimen Staining • Titration Processes • Invisible Coding and Marking • Fluorochemistry • Examination of Fine Art • Archaeology • Entomology • Fluorescence Photography • Photoresist Exposure • Philately • Detection of Altered Documents • Counterfeit Currency Detection • Signature Verification • Readmission Control • Aflatoxin Detection • Rodent Contamination Detection • Detection of Food and Textile Contamination

Medium Wave UV

--Gel Electrophoresis • Gradient Sampling • UV Curing • Phototherapy

Short Wave UV

--Chromatography • UV Sterilization • Mutation Studies • Mineralogy • Archaeology • Toxicology • Microbiology • Mycology • Protein, Steroid and Vitamin Separations • Pesticide Analysis • Chlorination • Fungus Culture • Alumina Testing • UV Curing



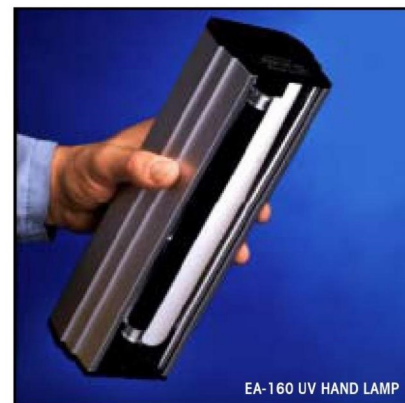
CH-180 CARRYING HANDLE



SE-140 LAMP STAND



CM-26 UV VIEWING CABINET



EA-160 UV HAND LAMP

Long Wave (UV-A)/ Short Wave (UV-C) Combination	ENF-240C	One 4-Watt LW Tube, One SW Tube with LOGLIFE Filter Assembly	UV-A: 300 UV-C: 310	3 3/4" W x 8" L x 2 1/2" H (8.3W x 20.3L x 6.4cmH)	2 lbs. (0.9kg)
	ENF-260C	One 6-Watt LW Tube, One SW Tube with LOGLIFE Filter Assembly	UV-A: 350 UV-C: 390	3 1/4" W x 10 1/4" L x 2 1/2" H (8.3W x 26.0L x 6.4cmH)	2 1/2 lbs. (1.1kg)
	ENF-280C	One 8-Watt LW Tube, One SW Tube with LOGLIFE Filter Assembly	UV-A: 470 UV-C: 500	3 1/4" W x 13 3/4" L x 2 1/2" H (8.3W x 33.7L x 6.4cmH)	2 3/4 lbs. (1.2kg)

Model	Product	UV Tubes with Typical Intensities	Dimensions (W x L x H)	Net Weight
CM-10A	Cabinet only	optional	9 x 12 x 6.5 in (22.9 x 30.5 x 16.5cm)	5.0 lbs, 2.3kg
CM-24A	CM-10A with ENF-240C	4W, 365nm with 300µW/cm², 254nm with 310µW/cm²	9 x 12 x 6.5 in (22.9 x 30.5 x 16.5cm)	7.0 lbs, 3.2kg
CM-26A	CM-10A with ENF-260C	6W, 365nm with 350µW/cm², 254nm with 390µW/cm²	9 x 12 x 6.5 in (22.9 x 30.5 x 16.5cm)	7.2 lbs, 3.4kg