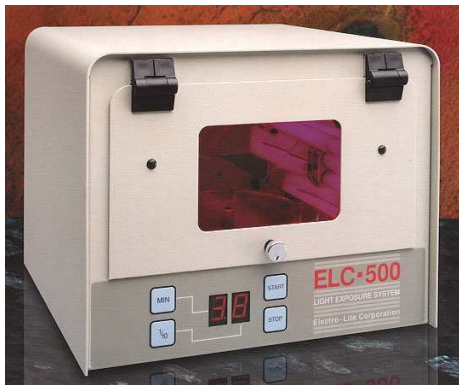


**PRODUCT INFORMATION:
ELC-500 UV Cure Chamber**

ELC-500 General Information

The ELC-500 is a completely contained, operator safe, light exposure chamber. The heart of the system is an array of custom designed lamps emitting a peak wavelength at 365nm for use in the generation of the longwave UVA portion of the spectrum which is most effective in the rapid curing of UV activated materials. VISIBLE wavelength lamps peaked at 470nm are also available, enabling the ELC-500 to cure a wide range of VISIBLE light curable formulations. For applications requiring nondestructive fluorescent defect testing (NDT), the system is also made available with BLACK LIGHT lamps, as well as a clear viewing window for ease in detecting defects. The ELC-500 features a digital countdown programmable timer, power-down mode, and an exposure completion audible signal. The system also features a clear rotating turntable, and clear shelf, standard accessories included with the ELC-500. The internal chamber is lined with a highly reflective material assuring even light distribution and eliminating shadowing. Uniform exposure occurs a full 360 degrees, made possible by the special light transmitting material used in the manufacture of the turntable and shelf.

Typical applications range in areas of electronics, telecommunications, medical device assembly, NDT, and hearing aid manufacturing and repair.



Specifications:

- Input Voltage:
 - 100-120V AC, 60Hz, 1.5A
 - 220-240V AC, 50Hz, 1.0A
- Optical Output: 30 mW/cm²
- Lamp:
 - UVA: 365nm, 9W x 4
 - VISIBLE: 450nm, 9W x 4
 - BLACK LIGHT: 365nm, 9W x 4
- Dimensions:
 - 9"W x 8"H x 9"D (external)
 - 7.5"W x 3"H x 8.75"D (chamber)
- Weight: 6.5 lbs.
- Turntable: 4" Diameter, 6 RPM
- Shelf: 5"W x 8.75"D
- Panel Indicators:
 - Start exposure
 - Stop exposure
 - Minutes: 1-9 selectable
 - Seconds: 6 second intervals

Features:

Programmable/Digital countdown timer, Exposure completion signal, turntable/shelf, mirror interior for even cure, UV safe viewing window

Ordering Information:

- P/N 81432: 100-120V 60Hz, UVA 365nm
- P/N 81433: 100-120V 60Hz, VISIBLA 450nm
- P/N 81434: 220-240V 50Hz, UVA 365nm
- P/N 81435: 220-240V 50Hz, VISIBLA 450nm

Replacement lamps:

- P/N 82469: UVA 365nm
- P/N 82470: VISIBLE 450nm
- P/N 81045: BLACK LIGHT 365nm

