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# UV Spot Systems

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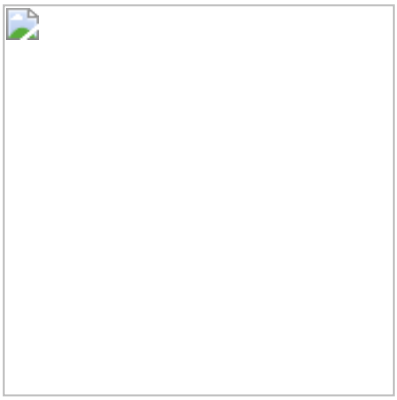
## MICROLUX-UV

**The Microlux-UV is an excellent field service tool for the fast and secure repair of PC boards, fiber optic connections and network systems equipment. At home for hobbyists and in the shop for jewelers, glass makers and small instrument repair, such as hearing aids, the Microlux-UV is the ultimate tool. The Microlux-UV delivers up to *20mW/cm ² at 365nm via a UV Light Emitting Diode.***

**Specifications:**

- **UV Intensity: 20 mW/cm2 @ 365nm**
- **Light Source: Light Emitting Diode**
- **Power: (3) N type 1.5 V batteries**
- **Battery Life: 35 hrs.**

**Technical Data Sheet: CLICK HERE**



# ELC-410 UV Hand Held System

**The compact and rugged design of the ELC-410 makes it an ideal spot curing system to resolve a number of assembly applications in the electronic, medical device, and telecommunications industry. With its lightweight, 10ounce hand-piece, and 360 degree swiveling light guide, the ELC-410 will help resolve the most complex, geometrically challenged application. The ELC-410 and 410-T deliver 90mW/cm2 at 300 to 400nm and are available in both Ultraviolet and visible light spectrums.**

***ELC-410 Standard Unit:*** **After an initial trigger pull, the curing light and fan will turn on and a clear audible tone will sound at 10 second intervals. At the second trigger pull, the light will turn off and the tones will cease.**

***ELC-410T Equipped with Optional Timer:*** **A rotary select timer permits the operator to choose exposure times of 10, 20, 30, 40, or 50 seconds plus a "C" setting for continuous operation. The exposure cycle is initiated by depressing the trigger switch. Any cycle can be interrupted by depressing the trigger switch a second time.**

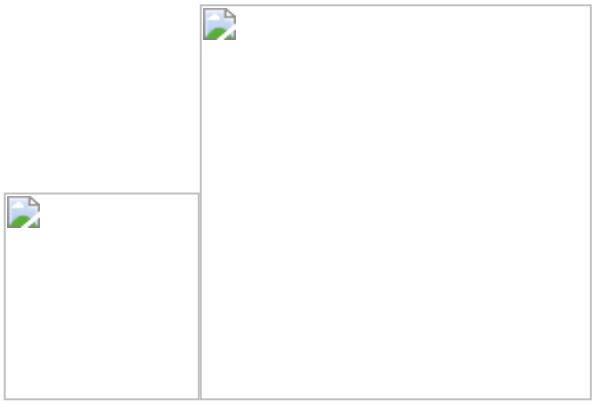
**Specifications:**

- **UV Intensity: 90 mW/cm2 @ 365nm**
- **Input V/W 120V, 220/240V 50/60Hz, 75 W**

**Technical Data Sheet: CLICK HERE**

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**AVAILABLE 03/01/06**



**LCD DISPLAY**

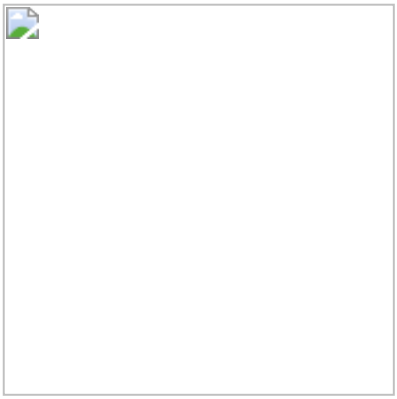
## LED-100 Portable Curing System

**The LED-100 is a UV curing system powered by an advanced Light Emitting Diode (LED) with an output of 1 w/cm2. This compact, hand held unit operates from a batter and is completely portable. An ergonomically positioned trigger switch allows comfortable operation while its compact size allows bonding difficult areas to reach. The microprocessor provides accurate control of timing functions and an LCD display shows operational status. This light, easy-to-use, advanced design is an excellent approach to solving bonding problems in both manufacturing, field service repair and research and development.**

### Specifications:

- **UV Intensity:** 1 W/cm2 @ 365nm
- **LED life:** 50,000 hours
- **Battery Charge** 900 - 10 second exposures
- **Weight:** 12 oz. Battery powered

**Technical Data Sheet:**



## ELC-450

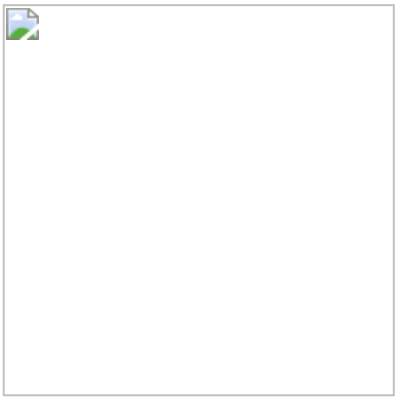
**The ELC-450 microprocessor-based light curing system is a major innovation in high intensity spot curing technology. Perfect for clean room use, yet its rugged design allows it to be a perfect asset in the industrial environment. For increased application flexibility, light curable materials whose physical location dictates the use of a light wand delivery system, the ELC-450 will accept any of the Electro-Lite optional liquid light guides. The ELC-450 is the right choice for the precision delivery of UV light energy in a spot form. For Curing light coatings,**

**adhesives, epoxies, or potting compounds that require high power, the ELC-450 is the affordable choice that does not compromise on power and reliability.**
**Specifications:**

- **UV Intensity: 6 W/cm2 @ 365nm**
- **Lamp: 50 W short arc mercury**
- **Lamp Life: 1000 hrs. functional tome**
- **Panel display: LCD**

**Technical Data Sheet: CLICK HERE**

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## ELC-900

**The ELC-900 delivers the most UV curing power you will find in any spot curing system in its price range. The system is equipped with a rotary electro-magnetic shutter, digital electronic timer selectable in steps of .1 to 999.9 seconds as well as continuous. The front panel controls may also be used to vary the light output from 50% to 100% for precise power control. The system's LCD high contrast panel clearly displays lamp ignition, lamp ready, exposure time, lamp hours and lamp change status. The ELC-900 is an excellent choice where accuracy, repeatability and dependability is needed in any validated production process.**

- **UV Intensity: 10 W/cm2 @ 365nm**
- **Lamp: 100 W short arc mercury**
- **Lamp Life: 1000 hrs. functional time**
- **Panel display: LCD**

**Technical Data Sheet: CLICK HERE**

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**To Flood System**

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**Phone: 203-743-4059 - Fax: 203-743-6733**

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