



LOCTITE® CL42 HIGH INTENSITY LED FLOOD SYSTEM.

The LOCTITE CL42 System is a high intensity LED flood system specifically designed to cure LOCTITE light-cure adhesives. The large area flood allows for easy curing of large part assemblies and the LED heads can be stacked side-by-side, further expanding the curing area if needed. The system can be easily integrated into either benchtop or fully-automated processes, and a plug-and-play, fully-enclosed cure chamber is an available option.

PRODUCT FEATURES:

- High intensity—Up to 2.5 W/cm²
- Large cure area—100 mm x 100 mm
- Multiple wavelengths—405 nm and 365 nm options
- Side-by-side stacking of floodlight heads
- Dual-channel controller w/intensity adjustment
- Resistive color touch screen
- LED temperature monitoring

BENEFITS OF LED TECHNOLOGY:

- Up to 20,000-hour LED life
- Instant-on (no warm-up time)
- Low-energy/power consumption
- No IR emissions (reducing thermal damage and warp)
- Highly-focused UV and visible light wavelengths

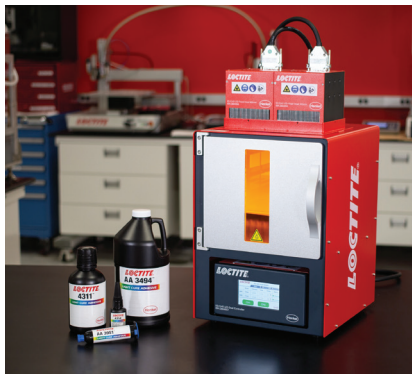
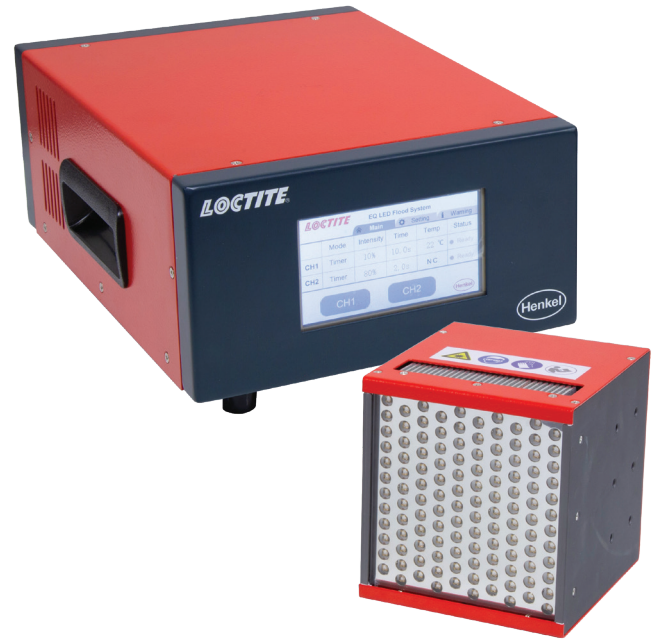
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SYSTEM COMPONENTS

IDH #	Description
2804955	CL42 LED Flood Head 365 nm
2804956	CL42 LED Flood Head 405 nm
2804957	CL42 LED Flood Controller

PARTS AND ACCESSORIES (OPTIONAL)

IDH #	Description
2804959	CL42 LED Flood Chamber
2804958	CL42 LED Head Connection Cable
2804960	CL42 Flood Chamber Connection Cable



CL42 LED FLOOD CHAMBER

The CL42 LED flood chamber offers plug-and-play integration with the LOCTITE CL42 LED flood system. The chamber features an adjustable parts table, ESD safety door with window, and can accommodate up to two CL42 LED flood heads. The compact design allows for storage of the flood controller underneath the unit to optimize the footprint.

For the full line of LOCTITE curing solutions and other equipment offerings, visit:
www.equipment.loctite.com

Henkel Corporation Engineering Adhesives

