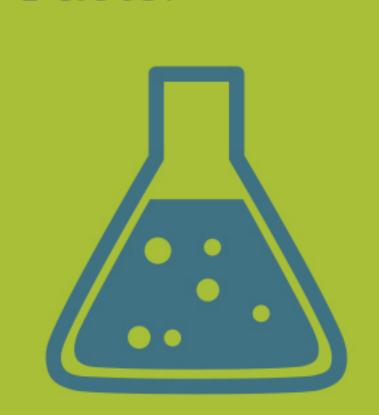


LIGHT-CURABLE MATERIALS

There are a variety of light-curable materials (LCMs) that manufacturers use to bond components.

Facts:



EXAMPLES INCLUDE
EPOXIES, SILICONES,
AND ACRYLATE
SYSTEMS

LCMS CAN HAVE 1 OR 2

COMPONENTS

WILL CURE
WITH UV AND/OR
VISIBLE
LIGHT

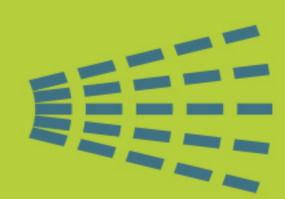
MAY NEED
SECONDARY HEAT
OR MOISTURE
CURE

DISPENSING EQUIPMENT

To apply an LCM to a component or substrate surface, a dispensing system is required.

Facts:

TYPES OF DISPENSERS INCLUDE:



- · HAND-HELD
- MACHINE-MOUNTED
- ·ROBOTIC ·ROTARY

APPLICATION METHODS INCLUDE MANUAL OR AUTOMATED DISPENSE THROUGH:



- ·SYRINGES
- ·VALVES
- · SPRAY GUNS

LIGHT-CURING EQUIPMENT

In order to bond components together with an LCM, you'll need a light-curing source.

Facts:

TRADITIONAL BROAD-SPECTRUM

SYSTEMS USE BULBS FOR CURING





THE MOST POPULAR CONFIGURATIONS FOR LIGHT-CURING SYSTEMS ARE:

- ·SPOT ·FLOOD
- CONVEYOR-STYLE



Dymax manufacturers curing equipment and compatible adhesives, coatings and resins.

We focus on creating materials that cure clean, green, and fast, helping engineering

teams accomplish more in less time and with less negative impact on the environment.