

How do I validate my UV curing process?

If you are establishing a new process involving the UV light curing of an adhesive or another light curing material, we can highly recommend these resources. All are from our partners, **Dymax**.

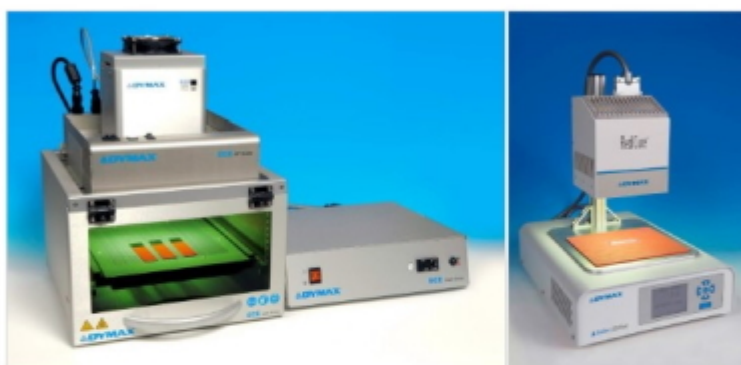
First, a couple of articles entitled ***Validating a UV Flood Curing Process*** and ***Validating a UV Spot Curing Process***.

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Validating a Flood-Curing Process

Ensure Your Light-Curing Process Will Perform Accurately Every Time



Since their initial introduction into manufacturing processes over 30 years ago, light-curable adhesives and coatings have continued to gain recognition as significant drivers for improved productivity and overall process cost reduction. In fact, they have become the preferred assembly method in many manufacturing industries. The basic components of a light-curing process consist of a light-curable adhesive, dispensing system, and curing-energy source (spot, flood, or conveyor curing system). The key to a successful process is ensuring a compatible match among all aspects, therefore the best consultants are the companies that design, manufacture, and sell all three components. They have the technical expertise to make sure the entire process is compatible and will run smoothly without any problems.

Once an adhesive, dispensing method, and curing system is selected, the process must be qualified prior to production start-up, and then steadfastly maintained during actual production. Validating a curing process is essential to its success. The process of validation is different for each style curing system. In this paper, we discuss how to validate a flood-curing system.

Validating a Flood-Cure System

Once a manufacturer has identified the adhesive best suited for the application, the amount of adhesive in each bond, and the light-curing system they will be using, they will need to specify the exposure time and an acceptable intensity range. The following process is suggested to determine the exposure time and intensity range required:

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Validating a Spot-Curing Process

Ensure your light-curing process performs accurately every time

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Once an adhesive, dispensing method, and curing system is selected, the process must be qualified prior to production start-up, and then steadfastly maintained during actual production. Validating a curing process is essential to its success. The process of validation is different for each style curing system. In this paper we discuss how to validate a spot-curing system.

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Secondly, a couple of videos entitled ***Validating a UV Flood Curing Process*** and ***How to Measure the Intensity of Your UV Spot Curing System***.

And as always, our technical specialists are on hand to help you out – [call us!](#)

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