

Integrated UV light cure systems to increase efficiency, enhance quality of production

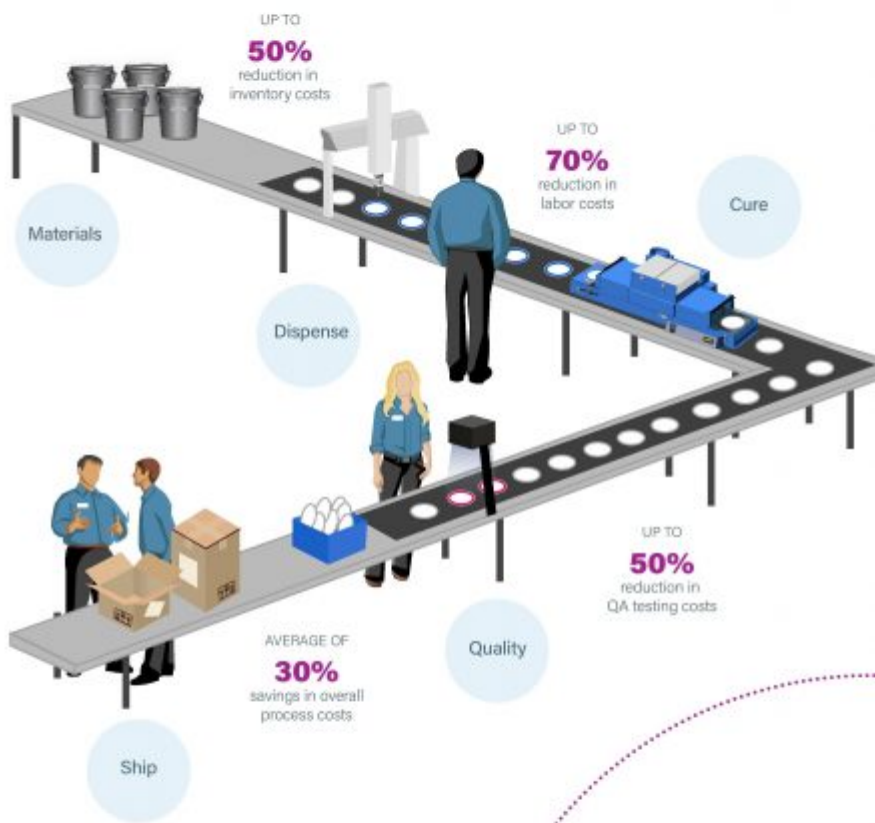
We know that [light curing adhesives can improve productivity](#). This infographic from our partners Dymax highlights efficiencies that can be gained when a UV light cure systems technology is looked at holistically as an integral part of a full production process, leading to an average **30% savings in overall process costs**.

Integrated UV light cure systems to increase efficiency, enhance quality of production

Integrated Adhesive Systems

Minimize Risk While Increasing Efficiency

To achieve the full benefits of light-cure technology, it is crucial to design a system where all elements work in optimized harmony with one another. Dymax integrated system solutions take into consideration all elements of the assembly process to deliver a system where chemistry and equipment work seamlessly together to increase process efficiency, improve product quality, and lower a variety of assembly costs. The graphic below demonstrates some of the areas in the assembly process where efficiencies may be realized.



THE BENEFITS

Minimize Risk/Enhance Quality

- Formulations are matched to specific performance needs
- Materials and equipment are properly tested to assure compatibility, reducing the chance for defects due to improper dispense or cure
- Materials are absent of solvents, volatiles, and materials of

Reduce Costs

- Fast cures increase production rates and reduce labor costs
- Patented technologies like See-Cure and Ultra-Red[®] make in-line inspection easy with no extra costs
- Improved quality reduces defects and ultimately waste and disposal costs

Increase Efficiency

- Co-optimized adhesives and equipment provide the fastest cures for shorter cycle times
- On-demand cures reduces work-in-progress
- Small process footprint frees up space to perform other tasks
- No racking or heating required.

Integrated UV light cure systems to increase efficiency, enhance quality of production

[Click for larger version](#)

The benefits include:

- **Minimised risk/enhanced quality** by using matched materials and equipment, ensuring proper testing for quality and materials free from solvents and other concerns affecting worker safety and regulations
- **Reduce costs** with faster “on demand” cures and reduced labour and easy inline quality inspection to reduce defects and waste
- **Increased efficiency** from co-optimised adhesives and equipment providing fast cures and shorter cycle times which lead to reduced work in progress

Read more about [Designing-In Light Curing Adhesives](#) from our [Technical Articles and White Papers](#).

[Contact our product specialists](#) for expert advice on integrating a light-cure system into your process.

Supplied by:

intertronics

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e info@intertronics.co.uk

Last updated: June 2023

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith.