ALPHA-CURE

Product Catalog

UV LAMPS & ACCESSORIES

Manufacturing expertise since 1996

From lamp to reflector, Alpha-Cure supports industrial UV processes with light sources and accessories matched to the system.



Established in Great Britain in 1996, Alpha-Cure specialises in UV curing lamps, metal halide lamps and UV system accessories. It serves OEMs, distributors and industrial operators.

Research and development teams in the UK and China work on lamp design and technology. The company offers both direct replacement lamps and bespoke configurations matched to the machine.

1996

EstablishedinGreat Britain

20,000+

Lamp specifications

Light sources & system components

10 product categories for industrial UV processes

01 **Medium-pressure UV lamps**

02 **High-pressure UV lamps**

03 **Infrared lamps**

04 **LED UV systems**

05 **Microwave lamps**

06 **UV reflectors**

07 **Quartz plates & cooling tubes**

08 **Power supplies**

09 **UV cassettes**

10 **UV measurement accessories**

Selection depends on the lamp specification and the requirements of the equipment.

Lamp technologies

Light sources and accessories matched to the application.



Medium-pressure UV lamps

Broad-spectrum mercury and metal halide lamps for original equipment and replacement applications. Hand-assembled and individually tested.

OEM replacements and bespoke designs • Ceramic or metal end caps; tailored leads



High-pressure UV lamps

Short-arc xenon and mercury lamps for high-intensity optical applications, including spot curing, solar simulation and projection.



Infrared lamps

Infrared sources for print drying, industrial heating and other thermal processes. Lamp selection is matched to the application.



Microwave lamps

Electrodeless lamps offered in H, H+, D, V and Q versions. Spectral variants allow selection for the curing chemistry.

6-inch and 10-inch versions • 300–600 watts per inch

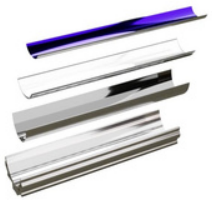
System components

Light sources and accessories matched to the application.



LED UV systems

Supplied air- and water-cooled LED UV cassettes for standalone or integrated modular curing. Alpha-Cure supplies, rather than manufactures, these solutions.



UV reflectors

Reflectors in different sizes, materials and coatings help direct UV energy within the curing system.



Quartz plates & cooling tubes

High-grade quartz plates and quartz cooling sleeves supplied to the required dimensions for the system.



Power supplies

Electronic power supplies, ballasts, ignitors, transformers and capacitors selected for lamp and system requirements.



UV cassettes

Modular UV print cassettes for wide-format inkjet systems, supplied through Alpha-Cure’s partnership with Integration Technology.

UV measurement accessories

UV test strips and labels support output comparisons. Dedicated UV LED test dosimeters monitor exposure with compatible LED sources.

Industrial applications

Why Alpha-Cure?

Printing & packaging

Curing inks, varnishes and coatings on paper, plastics and metal substrates.

Industrial coating & finishing

UV-curable finishes for automotive components and other demanding industrial surfaces.

Bonding & electronics

Precision curing of adhesives and coatings for electronics, displays and optical components.

Furniture & woodworking

UV curing for finishing, varnishing and laminating furniture and woodwork.

Specialist optical applications

High-intensity lamps for solar simulation, projection and stage or studio lighting.

Built around the system

Lamp geometry, end caps and lead configurations can be tailored to replacement or bespoke requirements.

Manufacturing discipline

Hand assembly and individual lamp testing support consistent performance in industrial service.

Extensive cross-reference expertise

A database of more than 20,000 lamp specifications helps identify suitable replacements.

Beyond the lamp

Reflectors, quartz components, electrical parts and monitoring accessories support the wider UV system.

Let’s specify your solution

CNI Kft. / Alpha-Cure

Preparing an enquiry

01 Lamp type or existing part reference

02 Arc length, power and electrical data

03 End caps and lead configurations

04 Equipment, application and quantity required

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Manufacturer sources
https://www.alpha-cure.com/
Company information · UV lamps & accessories · Applications · Downloads

This overview is for information. Confirm compatibility and technical requirements when requesting a quotation.