



ULTRAVIOLED[®]

ULTRAVIOLET LED OFFSET INK CURING



CREM

ULTRAVIOLED®

ULTRAVIOLET LED CURING

SYSTEM FOR OFFSET PRINTING



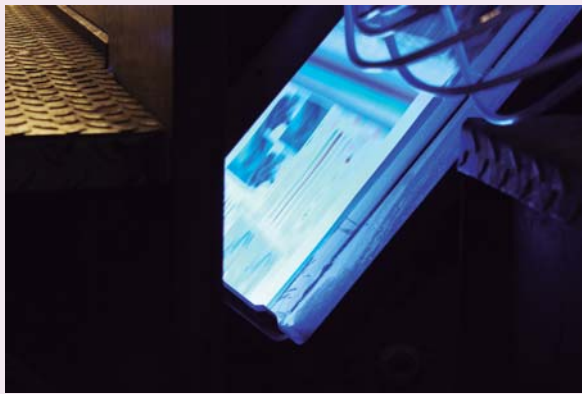
CREM ULTRAVIOLED® offers energy efficiency, low heat, solid state curing in any offset

The results of superior efficiency compared to H-UV

ULTRAVIOLED® has infinite configuration and installation options: the conventional configuration consists (printing unit dedicated to varnish), also to job needs after the varnish tower, (printing unit de

 ULTRAVIOLED®

- Individual led units, size 22x133 mm., in solid aluminium alloyed with copper, improving the emitter cooling.
- UV optics keeps emission rays parallel to any curing distance, ensuring exceptional curing at high print speed.
- It has been solved with easy and guarantee the possibility of installation in any offset press of the world, ULTRAVIOLED® compatible with any brand of offset printer.
- LED control unit; HMI touch screen; stabilizes the emission of LEDs, control the refrigerant fluid, uniquely cooles each of the 133 mm., LED pieces.
- With 50% less consumption than a conventional UV or H-UV curing system.
- No special and expensive cylinders are required for the implementation of this curing, it curing without problems adhesive media, glossy and matte couche paper, plastified sheets, lenticular plastics and most packaging plastics, labels and most vinyls.
- ULTRAVIOLED® does not heat inside of the offset printer or heat the paper. Any emitter that is not LED emits a great heat like the conventional curing UV, H-UV or infrared by it own arc of mercury that generates it.
- A major benefit of offset printinf with ultraviolet ink forms a layer of polymer thar no only protect paper but wich is resistant to most solvents. LED ink, LED varnish are used to reserve areas or full size, making those areas treated with varnixh striking. Using conventional inks of mineral or vegetable oils and water-based varnishes thousands of tons of waste are generated and a lot of water and energy spent.



MADE IN SPAIN

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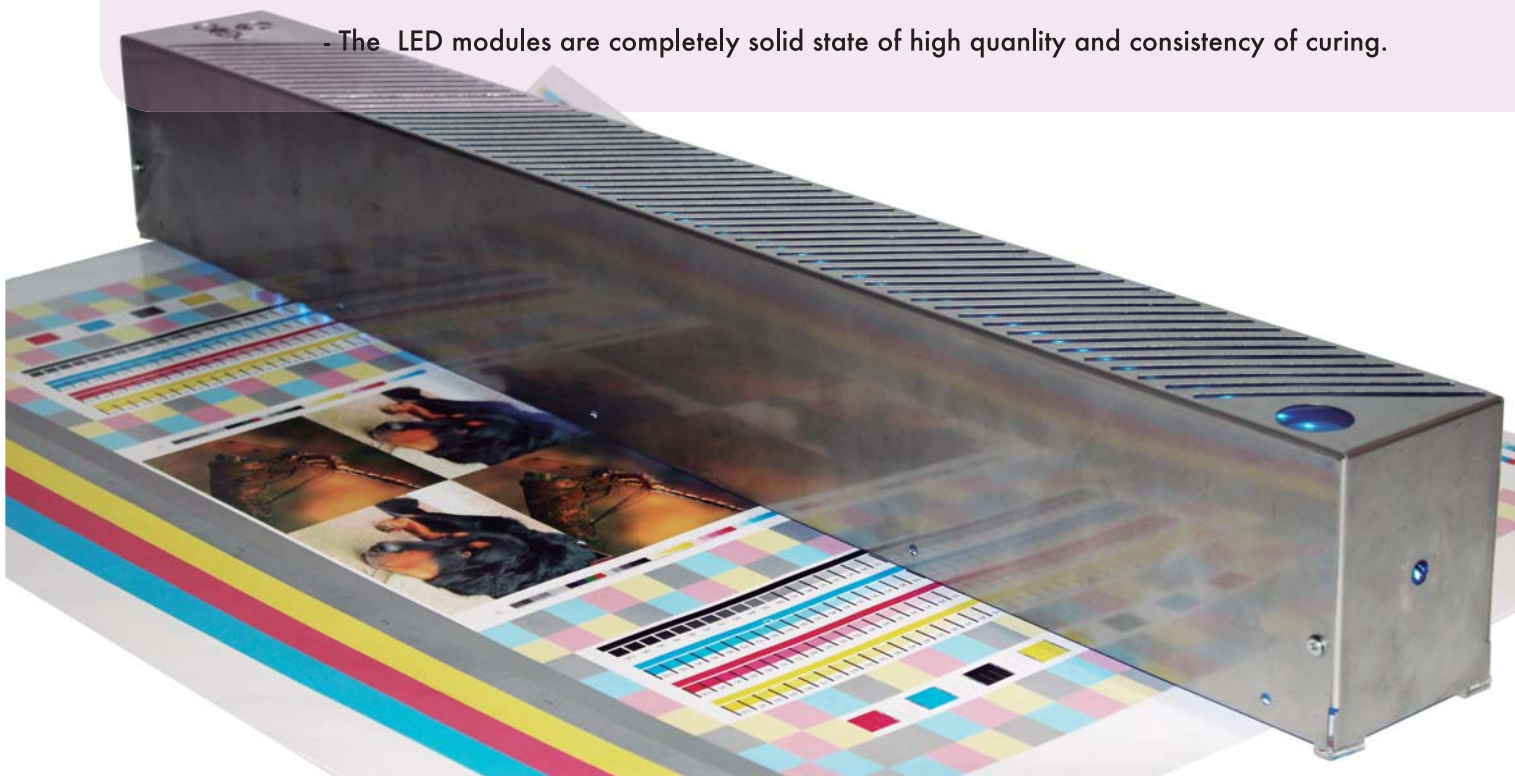
printing. **ULTRAVIOLED**® provides high intensity and flexibility with fast return on investment.

and UV, offers an immediate post-press, cut and finish.

of a head of 1 or 2 led lamps, normally install on the paper exit of the press machine before the varnish tower, (dedicated to varnish). The installation of a second led lamp curing white covering, is also available.

ULTRAVIOLED® technology is completely ecological and compatible with the future. UV LED curing gains ground in the market a great speed because of the great advantages it has over conventional UV curing systems, because it eliminates the risk of Mercury, Ozone contamination and with 100% compatibility with the future of being human.

- LED, has no risk of Mercury or Ozone pollution compared to UV or H-UV.
- LED is 100% compatible with mercury standards and restrictions.
- LED switches on and off instantaneously and safely to print-wash-print interval.
- ULTRAVIOLED® provides over 20000 working hours against 2000 hours of UV or H-UV.
- The LED modules are completely solid state of high quality and consistency of curing.



The logo for ULTRAVIOLED features a stylized leaf icon on the left, composed of two overlapping shapes: a blue one on top and a green one on the bottom. To the right of the icon, the word "ULTRAVIOLED" is written in a bold, sans-serif font. "ULTRAVIO" is in blue, and "LED" is in white. A registered trademark symbol (®) is located at the top right of the word "LED".

ULTRAVIOLED®

The logo for CREM consists of a circular icon on the left, which is a stylized representation of a gear or a leaf with a green and blue color scheme. To the right of the icon, the word "CREM" is written in a bold, dark grey, sans-serif font.

CREM

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