UVAPRINT HPV

Compact UV high performance equipment with integrated fan for small areas and narrow-web applications from 100 to 200 mm.

- Arc lengths of 100, 150 and 200 mm available
- Compact integration dimensions - ideal for retrofitting
- CAD optimised reflector geometry for optimum UV yield
- Optional dichroic reflectors and IR filters
- Different lamp spectra
- Interface for external shutter control and lamp error signal
- Process safety guaranteed by an hours counter integrated in the ballast

Optional:

- Electromotive shutter for cycled production and downtime
- Shutter control with output reduction of 50% in the stand-by mode

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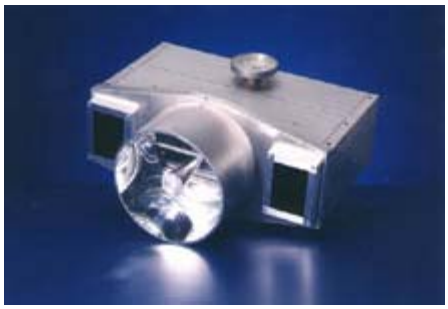
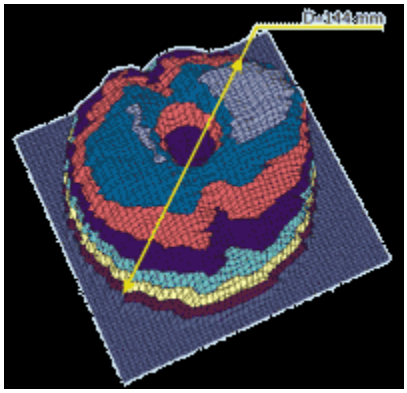
UVAPRINT 175 SOL

UV systems especially designed for DVD / CD / CDR production, giving uniform curing of UV reactive inks, coatings and adhesives.

- The cylindrical-conical reflector combination guarantees reliable and uniform curing even at the edge of the substrate - a feature particularly important for DVDs
- Typical curing time 0.8 - 1.2 seconds, depending on the process
- Special spectra are available depending on the curing requirements
- Optional advanced cold mirror technology, reducing the substrate temperature by up to 65% without a loss of intensity





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UVAPRINT LE

Especially for uniform 360° irradiation of filament type materials.

- Closed elliptical reflector
- Aluminium or cold mirror reflector
- Arc lengths from 100 to 500 mm
- Compact version available with 2 x 250 mm lamps in one housing
- All common spectra for high-pressure lamps are available, with special dopes available upon request
- Integrated quartz tube for curing under inert condition
- Easy lamp replacement
- Easy to maintain
- Electronic ballasts from 3 to 12 kW
- Infinitely variable power control
- Power supply 400 - 480 V, 50/60 Hz

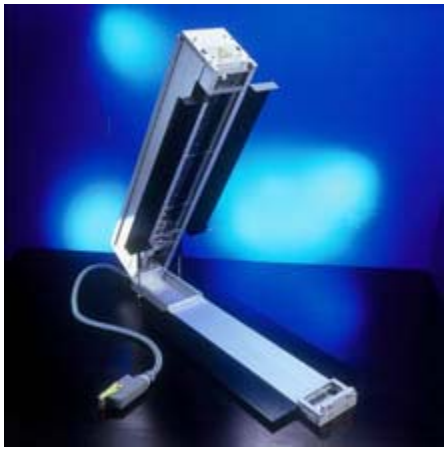
UVAPRINT HP

UV curing system with CAD optimised reflector geometry for curing of inks, coatings and plastics

- Compact and modular design can be adapted to meet almost any requirement
- The double-walled housing reduces heat in the exterior housing panels and reduces the quantity of cooling air needed.
- Quartz filter in front of the lamp for protection against ink fall-out and dust
- UV high performance lamps for arc lengths up to 2300 mm
- Specific power output up to 236 W/cm
- Air-cooling for lamp outputs up to 17 kW
- Shutter function and power control via PLC
- Infinitely variable power control between 30 and 100%
- Individual interface to production equipment

Optional:

- ACM (advanced cold mirror) system for temperature reduction
- Dichroic reflectors
- Filters
- Water-cooled reflectors



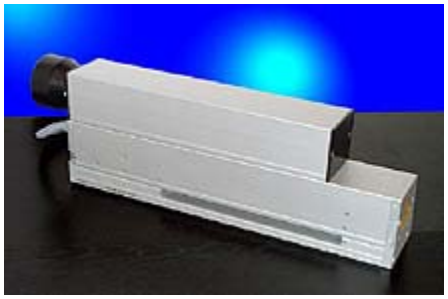
UVAPRINT S

UV curing system in an especially compact design

- Lamp unit for arc lengths between 100 and 540 mm, special lengths on request
- Maximum curing output 236 W/cm
- Air or air and water cooling depending on the power output
- Quartz filter in front of the housing opening for protection against ink fall-out and dust
- Individual interface to the production equipment
- Infinitely variable power control between 30 and 100%
- Shutter function and power control via PLC
- PLC interface for equipment control

Optional:

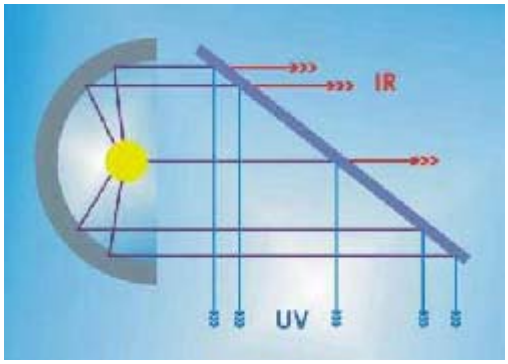
- ACM (advanced cold mirror) system for the temperature reduction
- Dichroic reflectors
- IR filters
- Water-cooled reflector



UVAPRINT ACM

Cold UV radiation systems for use in temperature-sensitive manufacturing processes.

- Advanced cold mirror technology can reduce substrate temperatures by up to 65%, in comparison to direct irradiation
- High intensity at a low power input
- UV high performance lamps for arc lengths up to 2350 mm
- Specific power output up to 236 W/cm
- Air-cooling for lamp outputs up to 17 kW
- No chilled rollers or cooling plates needed

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