UVA PRINT **HPV**

UVA PRINT HPV

High intensitiy UV curing unit

FEATURES

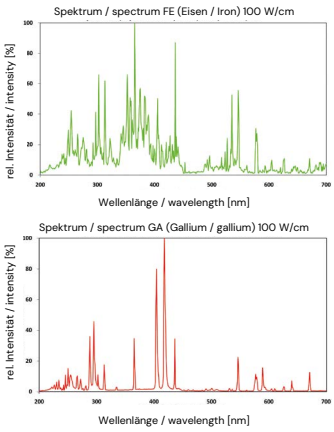
- compact powerful UV-dryer
- two power steps (1 kW and 2 kW)
- power control 50 % / 100 %
- power output up to 200 W/cm
- all standard and many special spectra available
- low substrate temperature

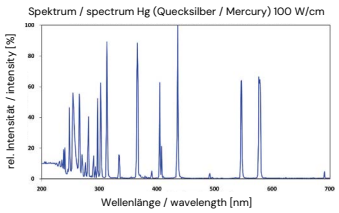
BENEFITS

- integration possible in almost all production processes
- highly efficient for the greatest production speeds
- service friendly due to modular design
- easy integration due to „Plug & Play“

HIGH INTENSITY **UV CURING UNIT**

A compact high-intensity UV curing unit with CAD-designed reflector geometry guaranteeing optimum UV yield. Spectra and arc lengths are easily adapted for different applications by just changing the lamp. UVA Print HPV is used for curing UV reactive adhesives, compounds, plastics, inks and lacquers. The plug and play installation is particularly easy. For both power steps 1 kW and 2 kW, the mains supply is 230 V, 50 Hz.





Standard spectra

LAMP UNIT

- htwo-step power control 50 % / 100 % with an arc power output of:
  100 W/cm resp. 200 W/cm with an arc length of 100 mm
  66 W/cm resp. 133 W/cm with an arc length of 150 mm
  50 W/cm resp. 100 W/cm with an arc length of 200 mm
- interface for external shutter control and power steps 1 kW / 2 kW
- external „Lamp Error“ and „Shutter open/close“ signal
- optional remote control or remote control with timer
- dimensions (L x W x H): 400 x 250 x 634 mm

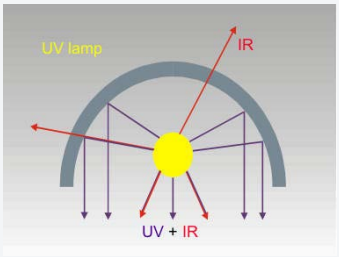
LAMP UNIT

- high-performance UV lamp with arc lengths of 100, 150 or 200 mm
- CAD-optimised reflector geometry
- integrated fans in the lamp unit
- optional with electronically or pneumatically driven shutter or without shutter
- optional Advanced Cold Mirror system ACM for temperature reduction
- optional dichroic reflectors
- optional cooling plate

OPTIONAL REFLECTORS

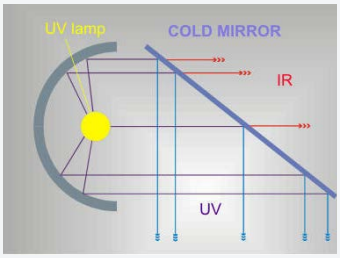
Dichroic reflectors

- reduction of IR radiation by approx. 40%
- reduction of temperature rise on the substrate by up to 30%
- retrofittable



Advanced Cold Mirror (ACM)

- IR-reduction by up to 85%
- reduction of temperature rise on the substrate by up to 65%
- retrofittable



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