

## UVAPRINT HPV



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High intensitiy UV curing unit

### FEATURES

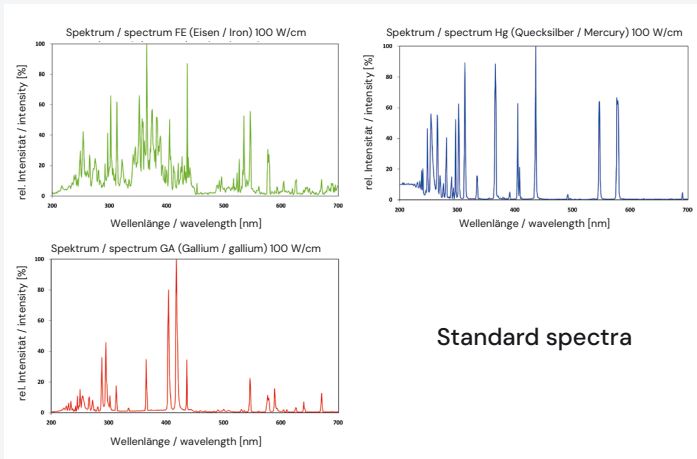
- compact powerful UV-dryer
- two power steps (1 kW and 2 kW)
- power control 50 % / 100 %
- power output up to 200 W/cm
- all standard and many special spectra available
- low substrate temperature

### 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. UVAPRINT 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

- two-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

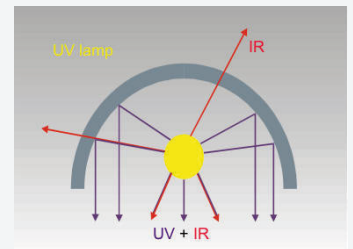
### LAMP UNIT

- 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

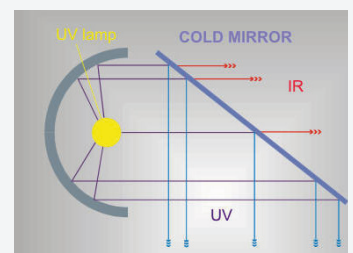
#### Dichroic reflectors

- 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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