

CCure

UVC Cold Cure Unit



CCure curing modules are used in industrial UVC curing applications. The modules are equipped with several UV low pressure lamps that emit highly efficient UVC radiation at 254 nm.

With matched paints and varnishes these modules have compared to classical UV modules with medium-pressure UV lamps which emit in a wide spectral range many advantages. CCure modules can be combined with both UV LEDs and conventional UV systems and open up innovative solutions for new applications.

By perfect adaptation of electronic ballast (EPS) to our UVC low pressure lamps and their air cooling CCure curing modules are highly efficient UVC sources for harsh industrial applications. Various irradiation lengths and widths are possible.

Advantages

- Highly efficient UVC emission
- low power consumption and low heat generation
- broad emission area for high UV dose
- no shutter necessary
- short running-up time
- ozone free UV curing
- low maintenance costs due to extremely durable low-pressure UV lamps
- available colors are more stable than colors that are reactive in the long UV wavelength region
- can be combined with conventional medium pressure UV moduls and also with UV LED which emit at longer wavelength
- easy to use and easy to implement in existing machines
- low weight
- simple air cooling

Technical Data (examples)

| CCure | | | | |
|-----------------------------|---|-----------------|------------------|------------------|
| Designation | CCure 430 | CCure 580 | Cure 1451 | CCure 1650 |
| Art. No. | A005534 | A008068 | A008706 | A007478 |
| Emitting wavelength | 254 nm | | | |
| Arc length in mm | 430 | 580 | 1451 | 1800 |
| Irradiation width in mm | 198 | 210 | 750 | 455 |
| Number uv lamps | 3 | 4 | 16 | 10 |
| Electrical power in W | 360 | 600 | 3950 | 3500 |
| Dimensions in mm | 500 x 240 x 115 | 650 x 240 x 115 | 1650 x 900 x 200 | 1900 x 500 x 240 |
| Weight in kg | 4,2 | 40 | 60 | 31 |
| Operating temperature in °C | 10 bis 35° C (on request also higher temperatures possible) | | | |
| Cooling | integrated air cooling | | | |
| Housing | aluminium | | | |
| Control | The optional control is done by electronic ballasts (EPS) which are installed in a optional switch cabinet. | | | |

Note: Other versions are available on request.

Spectrum Ccure:

