

Twist

High power UV module with rotating shutter for uv medium pressure lamps

The UV modules type Twist are specifically designed for harsh environment industrial UV curing applications. The cooling is done by exhaust air only. The max. lamp power is 240 W/cm. Higher lamp power is available on request.

Thanks to the extremely robust rotation shutter, the UV module Twist operates reliably even under unusually harsh conditions.

Typical applications are in the areas of:

- Wood industry
- Large format print applications with high uv intensities
- Industrial high-performance lacquer curing

Features of UV module Twist:

- robust rotation shutter with monitored shutter position
- montoring of the UV module with built-in temperature switch
- for each arc lengths in between approx. 350 and 1700 mm available



Technical data	
Arc lengths	350 – 1700 mm
Specific lamp power	max. 240 W/cm *
Lamp diameter	Ø 28.5 mm
Dimensions	width: 238 mm
	height: 166 mm (with plug: 312 mm)
	length: depending on arc length
Mounting orientation	for horizontal operation, shining downwards
Cooling	forced-draught exhaust cooling
	It is recommended that the cooling air volume is not set via a temperature-based exhaust
	air control, but rather power-dependent.
Exhaust air connection	DN 100 or 125 or 140; number and diamter of air connections depending on arc length
	and specific power
Shutter control	built-in 5/2-way valve DC 24V
Electrical connection	Output signals:
	 Shutter open/close,
	• Thermo switch (AC 250V, 6A; DC 30V, 5A)
Shutter actuator	rotation shutter, pneumatic,
	68 bar compressed-air according to ISO 8573-1:2010
Ambient temperature	5 - 35 °C
Options	 HiPro high voltage connector (bulk head mounting)
	 quartz glass holder/frame
	mounted UV inline sensor
	 elliptic reflectors with exchangeable reflector sheets
Protection class	IP20
Note	* The maximum specific lamp power correlates with the arc length.
	Please contact us for more detailed information.

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Drawings:

Sample:

