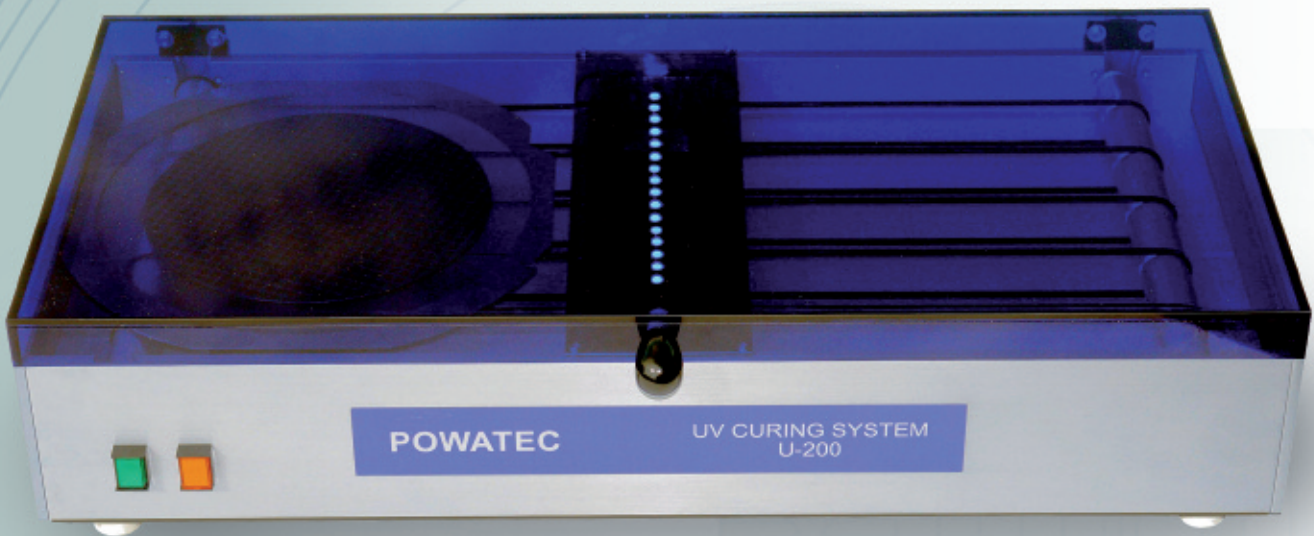


PRODUCT INFORMATION



POWATEC UV-LED CURING SYSTEM U-200 & U-300

The POWATEC Curing systems are built to cure up to a 300 mm wafer and frame. The LED generates a wavelength of 365 nm with an optical power output maximum of 270 mW. Open the cover and put the wafer on the left side conveyor. Push the start button. The Wafer moves over the LED unit to the right side. Curing completes after about 20-30 seconds yielding a consistent throughput of 130-180 frames/hour. Fully adjustable curing time ranges between 15 seconds and 3 minutes.



ADVANTAGES OF CURING WITH LED'S RATHER THAN WITH MERCURY BULBS!

- Lowest total cost of ownership (COO)!
- No ozone gas generation
- No warm up time (full power from power on)
- Up to 95% less power consumption
- No IR emission. Ideal for heat sensitive materials
- No bulb degradation
- Extended light source life
- Lower operating cost
- Easy to use
- Small footprint

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(Switzerland)
Phone: ++41 41 743 13 20
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www.powatec.com

SPECIFICATION

POWATEC UV-LED CURING SYSTEM

U-200 & U-300

Curing time/ throughput

- Fully adjustable curing time ranges between 15 sec. and 3 min.
- Typical throughput 130-180 wafers/hour (depending on type of UV foil)
- Automation from magazine to magazine on request

Size, weight and wafer size

	U-200	U-300
Wide:	326 mm	440 mm
Height:	160 mm	160 mm
Length:	685 mm	1060 mm
Weight:	15 kg	20 kg
Wafer-size:	up to 8"	up to 300 mm
Frame-size:	up to 8"	up to 300 mm

Electrics

Main power	230-240 VAC 50/60 Hz	230-240 VAC 50/60 Hz
Power consumption	approx. 55 W	approx. 75 W

UV-LED

Wavelength	365 nm +/- 3 nm
Optical power output	max. 270 mW

Others

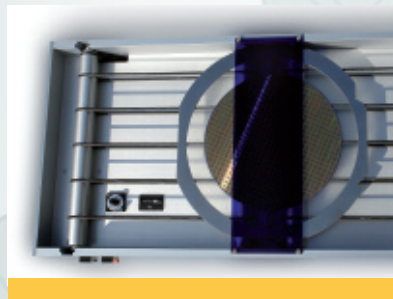
Build according to IEC 204-1

CE marking

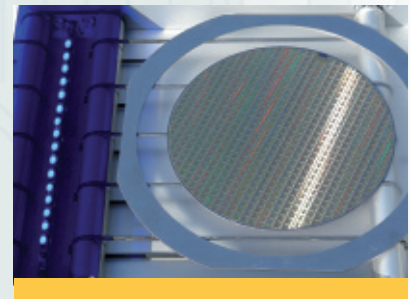
We keep the right to alter the specification without prior notice



Loading



Curing



Unloading

9.2007

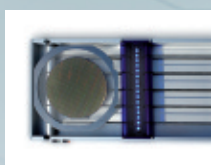
Semi Automatic Wafer Mounter



Manual Wafer Mounter P-200 & P-300



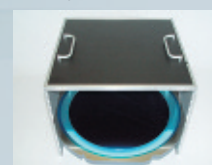
UV-LED Curing System U-200



Expansion Tool For Grip-Rings



300 mm Film Frame Carrier Magazine



AUER Film Frame Carrier Magazine & Boat Carrier

