

# High Power UV Flood Exposure System

## UV-KUB 9

UV-LED insolator



“Flood exposure system suitable for wafer bonding and blue tape curing”

Up to 8" wafers

365nm UV-LED source, +/- 5nm

Exposure time for blue tape curing: ADWILL D50: 15s / ADWILL D175 P370: 45s

2 exposure modes: continuous or flashing

Compatible with all UV photoresists  
sensitive to 365nm

### Benefits

High power density, homogeneous  
and monochromatic illumination  
Zero ozone emission

**KLOÉ**

Due to high power non-collimated light, **UV-KUB 9** performs curing sequences within a few seconds in **complete safety** and with **zero ozone emission**

## A safe and user-friendly system

Perfect protection of the user against any UV exposure while processing, thanks to the manual opening and closing insertion-extraction drawer.

Its use is practical, easy and **does not require a cleanroom environment.**

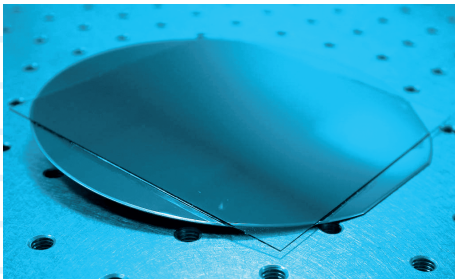
## Led technology

Perfectly **monochromatic** exposure light source.

A **cold UV source**, prevents undesirable thermal effects.

A **non-collimated source homogeneous at +/- 5%** over a working surface of 9 inches.

**Long lifetime:** the uv-led light source is no longer considered as a consumable item.



## PERFORMANCES

Number of programmable cycles

10

Exposure cycles

From 1s to 1h59min

## EXPOSURE AREA

Maximum accepted wafers

Up to 8" wafers (9" mainframes)

Substrate warm-up during exp.

< 2°C

Compatible photoresists

Compatible with all UV photoresists sensitive to 365nm

## UV-LED SOURCE

Available wavelengths

365nm +/- 5nm

Exposure homogeneity

+/- 5%

LEDs Lifetime

> 10 000 hours

Power density (RMS)

Min. 250mW/cm<sup>2</sup> +/- 5%

## USAGE FEATURES

Colour touchscreen

5,7"

Exposure modes

Continuous or Flashing

Included functionalities

UV exposure area fully closed

Cleanroom type environment

Not required, thanks to its dust-proof protective cover

## GENERAL SPECIFICATIONS

Size (L x W x Ht)

350 x 410 x 355mm

Weight

22kg / 48lbs

Power supply

100-110V / 220-240V - 50Hz

Power consumption

800W

Operating temperature

From 15° to 30°C - Stability +/- 1°C

