

*Eliminate losses  
due to lamp instability!*

# UV LED

## Exposure unit



Produce a stable plate  
with a smooth transition  
up to 0.5% at 175 lpi.



Achieve fine  
and sharp elements on  
a cold-stamped plate.



Apply advanced  
screen hybrids.



Eliminate edge effects  
during printing.



Guarantee repeatable  
reproduction of the finest  
plate elements.



Save on the purchase  
of UVA fluorescent lamps.

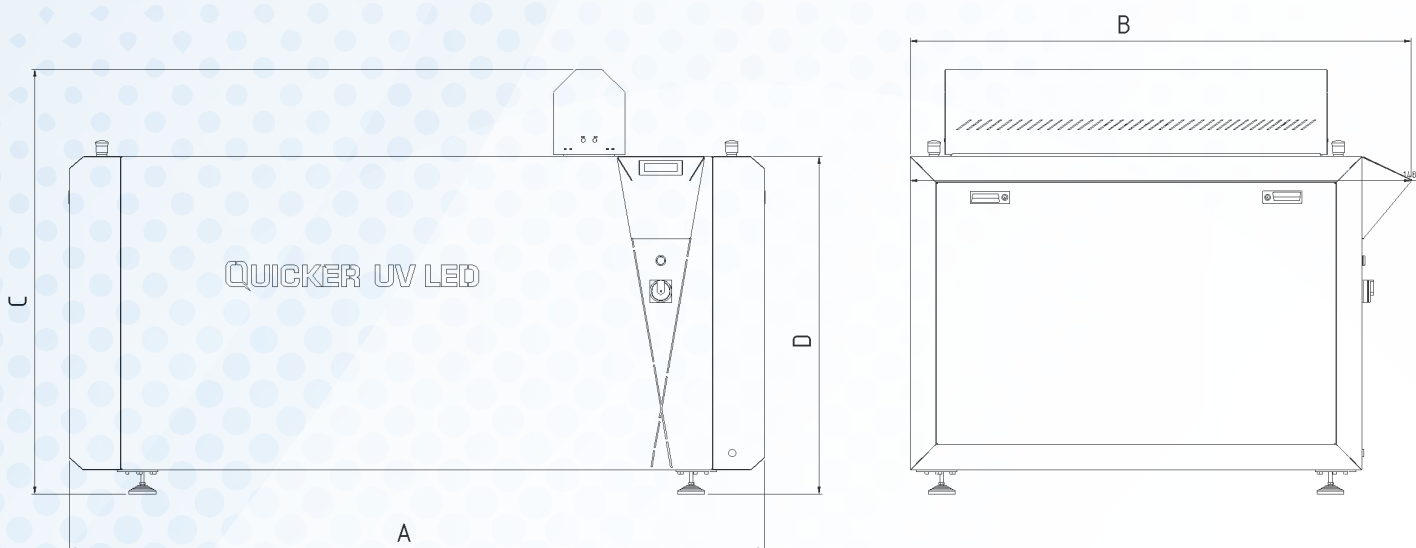
**QUICKER UV LED** is a photopolymer plate exposure unit that replaces traditional photocopiers. It guarantees a stable and reproducible exposure of photopolymer plates with UVA light over the entire life of the lamp.

The **QUICKER UV LED** can perform the back exposure process as well as the main exposure process. It can be equipped with additional sections such as UVC exposure and drying. It has an HMI touch panel and the possibility to program the best set of exposure parameters for a particular plate.

**!** Using the **QUICKER UV LED** exposure unit significantly improves the quality of plate production and eliminates losses caused by fluorescent tube instability.

- .01** **Cool LED light does not emit high temperatures.**  
Effectively mitigates increased oxygen inhibition due to elevated temperature during exposure of the plate, which prevents any loss of quality even in the finest elements on the photopolymer.
- .02** **Consistency in exposure with the same energy across the entire plate surface.**  
Uniform reproduction of all elements on the plate. In the back exposure process, the plate achieves a uniform surface and depth of base, ensuring the stability of all photopolymer elements.
- .03** **Powerful and fully controlled UVA light throughout the LED UV lamp's lifespan.**  
After setting the appropriate parameters, we are assured that the plates will receive the same amount of energy throughout the UV lamp's life. Losses due to lamp instability are eliminated.
- .04** **Limitation of oxygen inhibition - flat-top plate.**  
We achieve flat-top dots and other elements on the plate. This is crucial, for instance, in applying adhesive for cold stamping, preventing adhesive overflow and enabling the creation of truly fine details.
- .05** **Long-life equals eco-benefits.**  
Using a long-life UV LED lamp is more cost-effective and environmentally friendly.

<b>Technical parameters</b>	<b>QUICKER UV LED 75</b>	<b>QUICKER UV LED 100</b>
Approx. LED UV lamp lifespan	~ 25000 h	~ 25000 h
Maximum exposed plate size [mm]	<b>762x635</b>	<b>900x1200</b>
Dimensions AxBxCxD [mm]	<b>1633x1183x1241x1000</b>	<b>2058x1485x1256x1000</b>
Power supply	<b>230 [V], 50 [Hz]</b>	<b>230 [V], 50 [Hz]</b>
Power	<b>1,5 [kW]</b>	<b>2,0 [kW]</b>
Warranty	<b>1 year</b>	<b>1 year</b>



## **TOPservice**

*We provide warranty and post-warranty service*