

LEDZERO VTWIN RANGE

Providing twice the dose of the Pincure unit, the compact lightweight and economical air cooled LEDZero VTwin UV LED module is designed for more demanding inkjet 'pinning' applications as well as offering entry level full curing capability. The LEDZero VTwin is also expandable into a seamless long line source for industrial and other applications and being just 32mm thick can slot into confined spaces.

LEDZero VTwin represents the very latest step forward in solid state UV curing and the advanced air cooling ensures a long service life (anticipated in excess of 20,000 hours) without the need for any consumable parts

LEDZero VTwin can initiate a photochemical reaction with a degree of precision not previously possible with bulb technology. Being air cooled, it's more energy efficient than water cooled alternatives.

The high speed switching of the LEDZero VTwin array allows it to be switched on and off in sequence with the application process, thereby eliminating the risk of stray UV light and unnecessary standby power consumption.

LEDZero VTwin standard 80mm curing array is scalable by multiples of 80mm and now 120mm up to a seamless 2,800mm to suit specific applications, which is a unique proposition in today's marketplace.

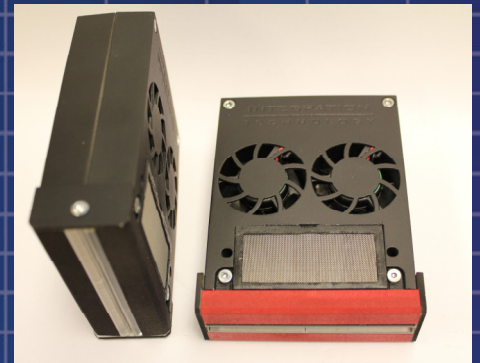
The LEDZero VTwin and VTwin Plus lamp head and power supply deliver an intense beam of UV whilst requiring only 40W of electrical energy and weighing 250g per head.

Designed in-house at Integration Technology R&D Centre in the UK, the slim LEDZero VTwin and LEDZero VTwin Plus is accurate, efficient and low cost to buy and operate

LEDZero VTwin Range Standard Features

- 0.75W/cm² intensity (VTwin)
1.5W/cm² intensity (VTwin Plus)
- 395nm (all models)
- Compact Power Supply can drive up to 4 Heads (VTwin) or; up to 2 Heads (VTwin Plus)
- High flex Cable up to 15m (all models)
- Scalable up to 2,800mm with additional bracket (all models)
- No consumable parts
- One year Warranty
- Integration Technology Global Support

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Specifications



Model	Array width
LEDZero VTwin	80mm, 120mm – 2,800mm Scalable by multiples of 80mm or 120mm*
LEDZero VTwin Plus	80mm, 120mm – 2,800mm Scalable by multiples of 80mm or 120mm*

*Or a combination of the two.

Wavelength Options

LEDZero VTwin	395nm	0.75*W/cm
* measured at 5mm from the front of lamp head		
LEDZero VTwin Plus	395nm	1.5*W/cm
* measured at 5mm from the front of lamp head		

LEDZero VTwin Range Compliances (pending)

ISO CE 60950-1
UL CUL CB 60950-1
CE EN 60204
EMC EN 55015
EMC EN 61000
IEC 62471



Power Supply

LEDZero VTwin	100 – 250V	50 / 60Hz
LEDZero VTwin Plus	100 – 250V	50 / 60Hz

UV LED product specific to pinning applications.

Now available please ask for further details.



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Integration Technology Ltd. reserve the right to make changes in specification without prior notice.



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