

# LEDcure

## Pincure C & CX – Water cooled

### Innovative, High Powered UV LED Pinning

Pincure C & CX UV LED offers a powerful solution in a compact water cooled package for ultimate high speed pinning between inkjet print heads. The Pincure C delivers variable output up to 3.5W/cm<sup>2</sup> while the CX model delivers variable output up to 10W/cm<sup>2</sup> for heavy pinning of dense white inks.

The proven optics of the original Pincure model (which eliminates the risk of UV light damage to the print head nozzle plates) has been further enhanced, and in Pincure C series is now housed within a clever design which prohibits media contact and contamination to the lens.

The complete modular concept allows configuration in a single piece lamphed to unlimited length in steps of either 30mm (CX) or 40mm (C) greatly simplifying the incoming electrical connections.



#### UV LED Booster

With XT8 UV LED Booster technology, the system reaches an extremely high output and dose which greatly increases cure speeds offering customers a wider choice in all applications. An extended service life is achieved since the semi-conductor chips are not being driven as hard when compared to other products on the market. The 30% boost in efficiency is available for systems fitted with 365, 385, 395 or 405nm.

### Warranty

Integration Technology grants a warranty of five years on each XT8 LED module (one shift operation).

ITL UV LED curing solutions are fitted with field replaceable modules offering extended service life and are covered by a comprehensive warranty backed by global support direct from Integration Technology and through its strategic partner IST Metz.

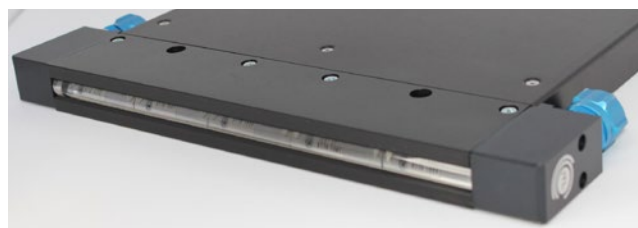
The Pincure C system is also available in an aircooled model: Pincure Z version. ITL offer variety of final cure and more powerful Pinning UV-LED systems.

#### Pincure C & CX Standard Features

Wavelength	395nm (Std), 365nm, 385nm, 405nm
Power	C - 3.5 W/cm <sup>2</sup> *, CX - 10 W/cm <sup>2</sup> * XT8 technology
Dimensions in mm (WxH / Length in steps)	C 20 x 148 / 40 (in Steps) CX 20 x 250 / 30 (in Steps)
Emmission window	7mm focussed at 3 - 5mm
Operation Temperature	Up to 45°C depending on humidity level
Cooling	Water cooled with STEA-DYcool Technology
Cooling water temperature	24 -26°C
Cabling	Up to 12m supply and signal cable (5m Standard)
Protocol	Standard I/O or serial bus
Addressability	30mm (CX) ** 40mm (C) steps**
Options	Smart hub, DC Power supply, Water chiller

\* @395nm measured at the emitting window using an EIT Power Map UUV sensor

\*\* Addressability patented by European patent: EP1599340/ GB2399162,  
Cross licence with Lumen Dynamics Group Inc. U.S. Patent No. 6,683,421



**Head Office: Integration Technology Ltd.**, Heyford Park, Upper Heyford, Oxfordshire, OX25 5HA, United Kingdom  
Tel.: +44 (0) 1869 233611, Fax: +44 (0) 1869 233599, mail@uvintegration.com

**Integration Technology  
North America**  
NorthAmerica@  
uvintegration.com

**Integration Technology  
Korea**  
Korea@uvintegration.com

**Integration Technology  
(China) Ltd.**  
China@uvintegration.com

**Integration Technology  
Japan**  
Japan@uvintegration.com

**Integration Technology  
Latin America**  
LAM@uvintegration.com.br

For more information: [www.uvintegration.com](http://www.uvintegration.com)