

Conventional Arc

The world leading systems in the Digital Inkjet Market

The miniature SubZero takes the Integration Technology modular range of UV Systems, one step further. Designed specifically for inkjet curing applications, the reduced footprint and ultra-light weight allows for the creation of miniature UV inkjet systems that have until now not been possible.

The world leading SubZero UV curing system is also available with an integral high-speed electronic shutter mechanism. Specifically designed for moving head inkjet printers, the shutter allows the UV exposure to be closed off as the lamp unit moves the media, greatly reducing the risk of reflected UV light causing damage to the expensive printheads.

Detailed research and lengthy cycle testing has enabled a design which offers exceptional service life, eliminating unnecessary downtime and the replacement of worn components.

With arc lengths of 55mm, 85mm, 140mm, 170mm 220mm and 280mm, the SubZero systems are ideally suited to medium sized printer/plotters and marking and encoding applications using 20mm inkjet head. This advanced lamp system represents the most effective, lightweight, high output, miniature UV emitter on the market today.

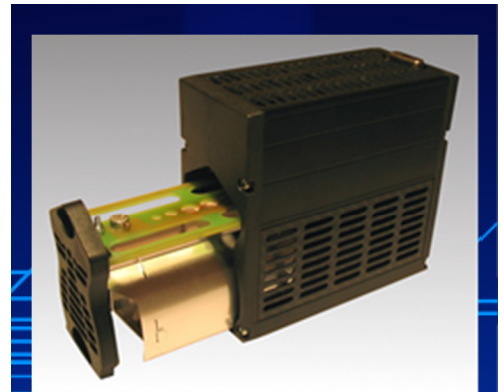
As the leading supplier of UV systems to the Digital Inkjet industry Integration Technology is able to offer clients advice using many years experience within the UV curing industry

SubZero Standard Features

- Ultra compact "footprint"
- Ultra light weight
- High intensity reflector system
- Quartz Filter
- Quick change Cassette
- Rapid Warm up and Cool down
- Integrated air-cooling
- High Flex cable up to 15m
- One Year Integration Technology Warranty
- Integration Technology Global Support

SubZero Shuttered Standard Features

- Ultra compact "footprint"
- Ultra light weight
- High intensity reflector system
- Double quartz filter system with replaceable front quartz
- Quick change Cassette
- Rapid Warm up and Cool down
- Integrated air-cooling
- High Flex cable up to 15m
- One Year Integration Technology Warranty
- Long service life >30 million cycles
- Integration Technology Global Support



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Compact High Output UV Curing Lamps

The Integration Technology VZero is a highly compact, ultra lightweight, modular range of UV systems, designed specifically for grand format and industrial inkjet curing applications. With arc lengths from 55-330mm and power output from 320-3,800 Watts, this lamp represents one of the most effective, high output, high quality UV emitters of its size on the market today.

A comprehensive array of options is available to configure a lamp precisely to customer requirements. From quartz filters to reduce media temperature to high-speed low inertia shutter systems, power supply option include the standard VZero (analogue) or VZero2 (electronic) the options allow the customer to build a low budget system or to configure a system representing the cutting edge of UV technology.

VZero Standard Features

- Ultra compact 'footprint'
- High intensity reflector system
- Rapid warm-up and cool down
- In-head ignitors for reliable start and added safety
- Positive integrated air-cooling
- Guaranteed lamp-life
- Low voltage, extendable length power lead
- Plug and socket cabling connections
- One year Integration Technology Warranty

UV LED Solutions might also meet your requirements please do contact the team for further information.



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

Whatever your application – we have the cure!