

LAMPcure SubZero Series

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 their use in small UV inkjet systems that have until now not been possible.

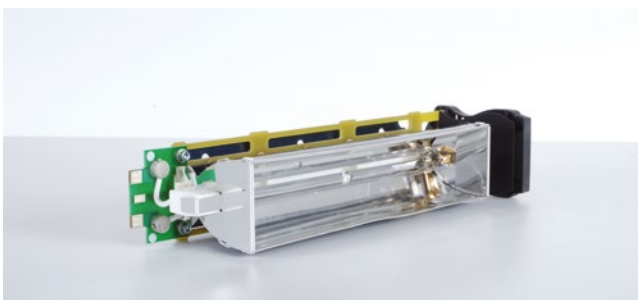
The world leading SubZero UV curing system is also available with an integral high-speed electronic shutter mechanism. Specifically designed for moving head inkjet printers, the shutter allows the UV exposure to be closed off as the lamp unit moves on/off the media at the end of each swathe, greatly 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, minimising downtime and the replacement of worn components.

With arc lengths of 55mm (2.2ins) up to 280mm (11ins), the SubZero systems are ideally suited to all sizes of printer/plotters and marking and coding applications.

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 concerning the integration of hardware and the process of UV curing



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 of the shutter >30 million cycles
- Comprehensive warranty backed by global support direct from Integration Technology and through its IST Metz



Specifications SubZero Series

Model	Power (variable)		Arc Length		Weight		Dimensions in mm	
	normal	highpower	mm	inch	shuttered	unshuttered	shuttered	unshuttered
055	100W/cm	130W/cm	55	2.2"	1,3kg	0,8kg	142 x 107 x 141	142 x 67 x 127
085	100W/cm	130W/cm	85	3.4"	1,5kg	0,9kg	172 x 107 x 141	172 x 67 x 127
140	100W/cm	130W/cm	140	5,5"	1,8kg	1kg	247 x 107 x 151	247 x 67 x 137
170	100W/cm	130W/cm	170	6,7"	2,3kg	1,3kg	287 x 107 x 151	287 x 67 x 137
220	100W/cm	-	220	8,6"	2,6kg	1,5kg	337 x 107 x 151	337 x 67 x 137
280	100W/cm	-	280	11"	3,1kg	1,7kg	397 x 107 x 151	397 x 67 x 137

Additional SubZero Options

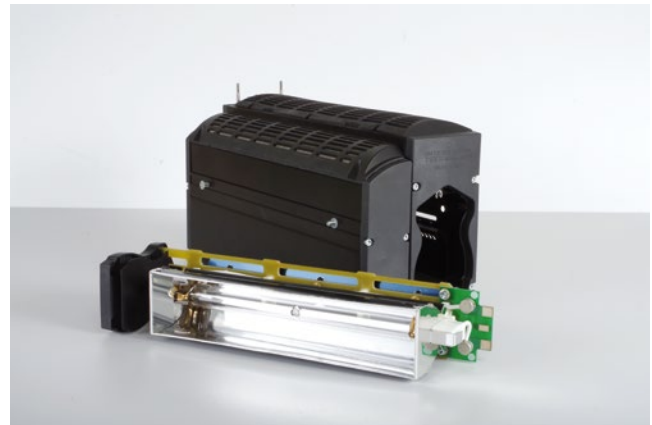
- High Speed Electronic Shutter
- Alternative bulb spectra 'H','D','V' or 'A'
- Enhanced optics

Power Supply

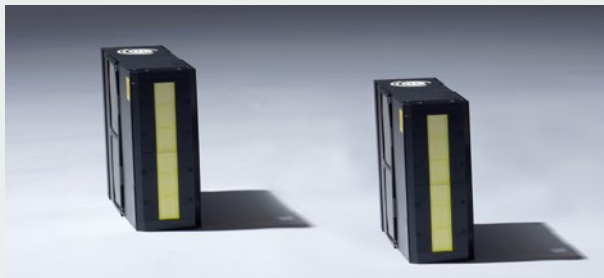
- Switch-mode Electronic
- 200 – 250V 50 – 60Hz

SubZero Compliances

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



SubZero also has an LED alternative.
 Please ask for further details about SZ UV-LED



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