

# SUBZERO 055 / 085

## 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 (2.2ins) and 85mm (3.4ins), 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.

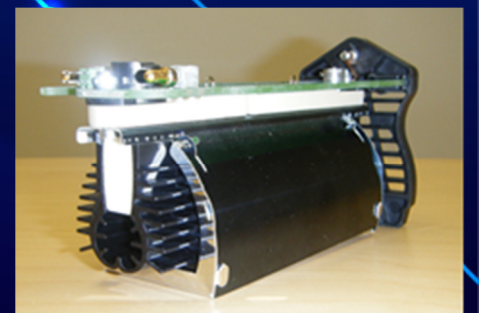
As the leading supplier of UV systems to the Digital Inkjet industry Integration Technology is able to offer clients advice using many years experience within the UV curing industry concerning the integration of hardware and the process of UV curing

### 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
- Comprehensive warranty backed by global support direct from Integration Technology and through its Strategic Partner IST Metz

### 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
- Comprehensive warranty backed by global support direct from Integration Technology and through its Strategic Partner IST Metz



# SUBZERO 055 / 085

## Specifications

Model		Arc Length
SubZero 055		55mm (2.2")
SubZero 085		85mm (3.4")
SubZero 055	Shuttered	55mm (2.2")
SubZero 085	Shuttered	85mm (3.4")

## Switch-mode Electronic Power Supply

SubZero 055		204 – 230V	50 / 60Hz
SubZero 085		204 – 230V	50 / 60Hz
SubZero 055	Shuttered	204 – 230V	50 / 60Hz
SubZero 085	Shuttered	204 – 230V	50 / 60Hz

Analogue Power Supply available on request.

## Power

SubZero 055		100*W/cm <sup>2</sup>
SubZero 085		100*W/cm <sup>2</sup>
SubZero 055	Shuttered	100*W/cm <sup>2</sup>
SubZero 085	Shuttered	100*W/cm <sup>2</sup>

*\* measured at 5mm from the front of lamp head*

## SubZero 055 / 085 Compliances

CE/UL 60950-1  
ISO CE CB EN60950-1  
CE EN 60204  
EMC EN 55015  
EMC EN 61000

**SubZero also has an LED alternative please ask for further details about SubZero LED**



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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!**

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