

High-Speed Electronic Shutter

As a result of extensive development and research the world leading SubZero UV lamp system is now 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 off the media, greatly reducing the risk of reflected UV light causing damage to expensive printheads. The system features a programmed electronic actuation, which ensures a high speed action with inertia-less braking, enabling the shutter to be closed or opened during the print cycle without any transmitted vibration to the 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.

Integration Technology offers a comprehensive engineering service, to inkjet OEM clients, allowing the customer to build a system representing the cutting edge of UV technology.

SubZero Shutter Standard Features

- Ultra compact 'footprint'
- Ultra light weight
- Fast actuation <60ms
- Low inertia
- Long service life >30 million cycles
- Double quartz filter system, reducing radiated heat
- Replaceable quartz front plate
- Integrated light skirt shield
- Integrated air-cooling
- Plug and socket cabling connections
- One year Integration Technology Warranty



SubZero Shutter Range

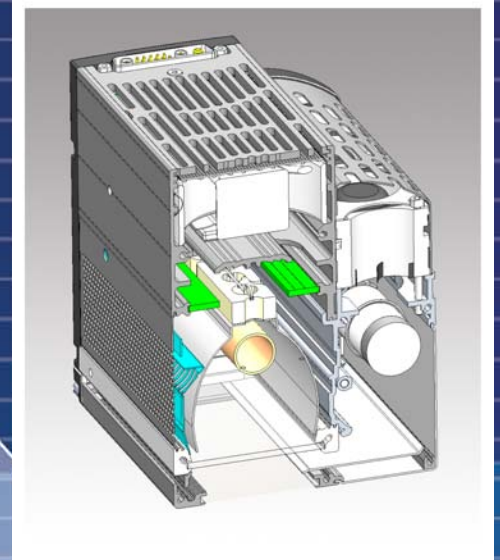
Model	Power	Arc Length
SubZero 055	100 W/cm	55mm (2.2")
SubZero 085	100 W/cm	85mm (3.3")

Other SubZero Options

- Electronic power supply

SubZero Compliances

ISO CE UL CUL CB 90950-1
CE EN 60204
EMC EN 55015
EMC EN 61000



Power Supply

204 - 230V 50Hz
204 - 230V 60Hz
Other power supply specifications
available on request

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