SubZero 140 & 170

INTEGRATION TECHNOLOGY

Powerful UV Output

Integration Technology Ltd has further increased the scope of the world leading SubZero range of UV systems with the introduction of the SubZero 140 and 170, in both shuttered and non-shuttered versions.

The new systems also feature the recently introduced 'EO' package. Through the use of advanced new materials and enhanced optics the SubZero 140 and 170 deliver a 16% increase in UV output. With a 140mm or 170mm cure length the new lamp units deliver 230% more UV energy than the existing SubZero 085 while maintaining the small footprint required for easy integration.

The 140 and 170 can also be supplied complete with the proven SubZero integral high-speed electronic shutter. This system features a programmed electronic actuation ensuring a fast cycle time (80ms) with inertia-less braking, enabling the shutter to be closed or opened during the print cycle without transmitting vibration to the print engine. Detailed research and lengthy cycle testing has enabled a design that offers exceptional service life eliminating unnecessary downtime and maintenance.

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

SubZero Standard Features

- Ultra light weight with compact 'footprint'

- High intensity reflector system

- Replaceable quartz front plate

- Quick change lamp cassette

- Advanced halide bulb technology

- Integrated air-cooling

- Switch-mode electronic power supply

- Hi-flex plug and socket cabling connections

- One year Integration Technology Warranty

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Model	Power	Arc Length
SubZero 140	100 W/cm variable	140mm
SubZero 170	100 W/cm variable	170mm

Additional SubZero Options

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

Power Supply

- Switch-mode Electronic

SubZero Compliances (Pending)

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

Power Supply

- **200 – 250V 50 – 60Hz**