

MZERO LED

INTEGRATION TECHNOLOGY

Miniature, air-cooled UV LED

MZero LED, brings an added dimension to Integration Technology's ever increasing range of air-cooled UV LED systems.

With class leading size to power ratio the MZero LED offers a highly compact user friendly system. The plug and play feature to the design of the lamp head enables simple machine integration or field installation.

The MZero LED is ideally suited to digital inkjet applications such as small plotters, product printers or marking and encoding applications. It is also equally at home curing adhesives, sealants and coatings in electronics, product assembly and many other industrial applications.

MZero LED utilises all of the proven features and benefits of its sister arc product and incorporates them into an LED alternative enhanced by extra functionalities such as instant on/off, variable power and low temperature operation.

MZero LED Standard Features

- 4W/cm² @ 395nm*
- Ultra Compact footprint
- Air-cooled
- Instant on/off
- Variable Power 0 – 100%
- Total solution, simple to integrate no additional parts required
- No harmful UVC output
- > 20,000 hours service life
- High flex cable 3m as standard, optional up to 12m available
- Comprehensive warranty backed by global support direct from Integration Technology and through its Strategic Partner IST Metz

*395nm measured at the emitting window using an EIT Power Map UVV sensor



Specification

Systems as standard are modular in their design.

MZero LED System

Comprising of:

- 1 x Power Control Module
- 1 x MZero LED Lamp Head
- 1 x 3m High Flex Cable
- 1 x Mains Power Cable (IEC)

The Power Control modules can be stacked one on top of another permitting simple multi-head installations, 2 Head system as an example below.

MZero LED System (2 head system)

Comprising of:

- 2 x Power Control Module
- 2 x MZero LED Lamp Head
- 2 x 3m High Flex Cable
- 2 x Mains Power Cable (IEC)

Additional Options are available upon request:

- Remote Box (on/off variable power)
- Alternative cable lengths
- Non flexible cable

MZero LED

Cure length 30mm

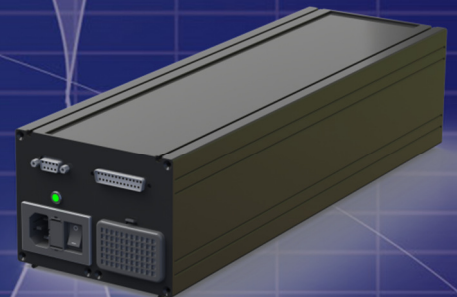
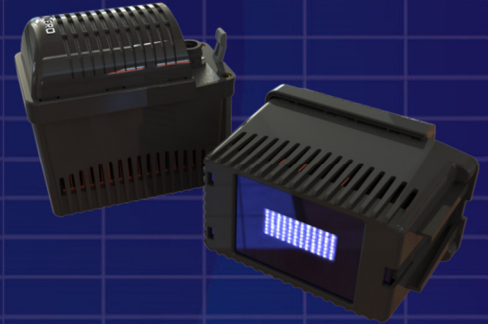
Emitting window 30mm x 14mm

L 86mm x W 54mm x H 79mm

LED Head weight 323g (11.4oz)

Power Supply 100 – 250 Volts AC 50/60 Hz

SubZero LED also available please ask for further information



INTEGRATION TECHNOLOGY LTD.

133 Heyford Park, Upper Heyford, Oxon, OX25 5HA, UK

Europe; T: +44 (0) 1869 233 611

China; T: +86 21 6466 5490

North America; T: +1 630 410 2189

Korea; T: + 82 2846 3611

Japan; T: +81 42 310 9717

mail@uvintegration.com

www.uvintegration.com

Strategic Partner of IST Metz GmbH