



## Heraeus Noblelight Light Hammer 10 MARK II

### Empowering the Possibilities for Greater Energy Efficiency

Heraeus Noblelight's world-leading technology has advanced UV curing processing to deliver increased flexibility, first-time performance, and unparalleled reliability on your manufacturing line when you need it most. Backward compatible and adaptable to your existing systems, engineered with easily upgraded software, and featuring a lower cost of ownership – the new Heraeus Noblelight Light Hammer 10 MARK II sets a new benchmark in curing innovation.

### The 10" Product Platform for The Future

Future-focused technology and more powerful than any curing alternative on the market, your high value products aren't going to know what hit them.

The Light Hammer 10 MARK II is compatible with AIMS (Advanced Integrated Monitoring System) software/hardware, and is enabled for the addition of the future intelligent irradiator. It is the successor to the current LH10 and the foundation for the Light Hammer 6 MARK II; brought to you only by Heraeus Noblelight.

# Introducing the Heraeus Noblelight Light Hammer 10 MARK II

## ACCESSIBLE

All electrical and communication connections made at the rear panel. Software upgrades made directly through the USB port.

## USB PORT

Designed for easy configuration changes and efficient software upgrades.

30%

## 30% LIGHTER WITH A SIMILAR FOOTPRINT

Similar chassis size for ease of installation.

200 V

480 V

## UNIVERSAL INPUT VOLTAGE RANGES

Each power supply can operate from 200 V – 480 V, 50/60 Hz (self-adjusting voltage), "Plug & Play."

100%

## FLEXIBLE

## MODULAR DESIGN

- Reduced mean time to repair
- Easily expandable
- Memory capability





# With improved energy efficiency and greater flexibility

## BACKWARD COMPATIBLE

To all LH10 irradiators, cables and DeviceNet™ controls.



## MULTIPLE MODES OF OPERATION

- Remote operation via DeviceNet™, Profibus®, and EtherNet/IP™
- Dry Contact Master/Slave operation
- Local front panel operation

## SIMPLE CHANGEOVER

LH10 MARK II is a drop-in replacement – form, fit, and function – but with unprecedented advances in technology.

99%

## POWER FACTOR CORRECTION (PFC)

- Realized 99% at full load
- Simplified wiring for balanced legs for current
- Electrical configuration is eliminated

## COMPATIBLE WITH EXISTING INSTALLATIONS

The LH10 MARK II may be purchased separately for retrofitting onto existing installations. The unit can then be configured to operate in legacy mode with the same lamp output performance.

# Specifications

## LH10 MARK II – Power Supply Specifications

Weight	27 kg (60 lbs.) with blower control module – 25 kg (55 lbs.) without blower control module
Maximum Dimensions (W x H x L)	419 mm x 217 mm x 777 mm with connector (16.5 in. x 8.5 in. x 30.6 in. with connector)
Input Voltages	200 V – 480 V, auto-ranging
3-Phase	50/60 Hz
Max. Line Current	30 – 12 amps
Line Power @100%	10 kVA
Mounting Position	Horizontal (Unit can be free standing, stacked or rack mounted)
Clearance	Allow 305 mm (12 in.) clearance front and rear for cooling air flow and cable connections
Safety Interlocks	E-stop, RF fault, external interlock, system blower interlock
Mag. Current @100% Power	890 mA/magnetron
Mag. Current Output Accuracy	± 1%
Front Panel Indicators/Controls	Lamp enable, USB port, OLED display with on/standby/off buttons and power level control buttons
Output Range	35% – 100%
External Control	Standard – master/slave; Optional – DeviceNet™, Profibus®, EtherNet/IP™
Compliance	TÜV; CE

Specifications subject to change without notice.

## LH10 MARK II – Power Supply Power Level Control Options

Method	Percent Control	Modes of Operation
DeviceNet™, Profibus®, EtherNet/IP™	1% steps	Remote/DeviceNet™, Profibus®, EtherNet/IP™
4 – 20 mA input	1% steps, via master/slave operation	Remote/dry contact master/slave
0 – 10 Vdc input	1% steps, via master/slave operation	Remote/dry contact master/slave
4-bit binary input	5% steps, via master/slave operation	Remote/dry contact master/slave
Front panel switched	1% steps, via master/slave operation	Local/front panel

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