



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.

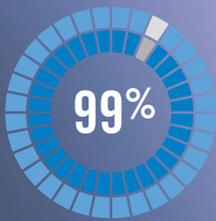
Introducing the H Light Hammer With improved e and greater

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.



POWER FACTOR CORRECTION (PFC)

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

SIMPLE CHANGEOVER

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



FLEXIBLE

MODULAR DESIGN

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



eraeus Noblelight r 10 MARK II

energy efficiency
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



30%

30% LIGHTER WITH A SIMILAR FOOTPRINT

Similar chassis size for ease of installation.

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.



200 V

UNIVERSAL INPUT VOLTAGE RANGES

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

480 V



Specifications

LH10 MARK II – Power Supply Specifications

Input Voltages	200 V – 480 V, auto-ranging
3-Phase	50/60 Hz
Max. Line Current	30 – 12 amps
Output Range	35% – 100%
Mag. Current @100% Power	890 mA/magnetron
Mag. Current Output Accuracy	± 1%
Line Power @100%	10 kVA
Maximum Dimensions (W x D x H)	42 cm x 76 cm x 22 cm (16.5" x 30" x 8.6")
Weight	27 kg (59 lbs)
Mounting Position	Horizontal (Unit can be free standing, stacked or rack mounted)
Clearance	Allow 305 mm (12") clearance front and rear for cooling air flow and cable connections
Safety Interlocks	E-stop, RF fault, external interlock, system blower interlock
Front Panel Indicators/Controls	Lamp enable, USB port, OLED Display with ON/Standby/OFF buttons and power level control buttons

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

Specifications subject to change without notice

ISO 9001 Certified QMS



heraeus-noblelight.com/fusionuv

Germany

Heraeus Noblelight GmbH

Heraeusstraße 12-14
63450, Hanau
Phone + 49 6181 35 4499
Fax + 49 6181 35 9926
hng-uv@heraeus.com

USA

Heraeus Noblelight Fusion UV Inc.

910 Clopper Road
Gaithersburg, Maryland
20878-1357, USA
Phone + 1 301 527 2660
Fax + 1 301 527 2661
info.hnfn@heraeus.com

Japan

Heraeus K.K.

Noblelight Fusion Division
Sumitomo Fudosan Otowa
Bldg. 1F, 2F, 5F
2-9-3 Otsuka, Bunkyo-ku
112-0012, Tokyo
Phone +81 3 6902 6602
Fax +81 3 6902 6613
info.hkk@heraeus.com

China

Heraeus Noblelight (Shenyang) Ltd.

No. 99 TianZhou Road
16th Building, Room 502, 5F
200233, Shanghai
China
Phone +86 21 5445 2255
Fax +86 21 5445 2410
info.hns@heraeus.com