

LAMP TECH 

*Professional Medical Lamps,
Lighting and Equipment*

Lunar LED Cordless Surgical Head Light System



Battery gauge



Beam Focus



Dimming Control



Headband adjustment

The Lunar MHT-i represents the very latest in cordless LED technology to produce an Operating Theatre Surgical Headlight system at the cutting edge of it's field.

This LED Battery powered unit has significant benefits over conventional cabled and corded units with a brightness to challenge many fibre-optic systems.

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Specifications

- **System**

High intensity LED system with focus and spot adjustment and full step-less digital dimming from 0 to 100%.

- **Output**

System delivers 200,000 LUX. 5cm spot at 25cm working distance.

- **Weight**

312 g

- **Battery and Charging System**

- Lithium Polymer battery technology. The system has 2 batteries and may be used either with one or both batteries. This unique feature allows "hot-swap" capability so that the spare battery can be inserted and the spent battery removed for charging without the light being turned off at any point.
- Charging is either directly via USB/mains cable or by separate desk-top charger unit.
- Single battery life is approx 3½ hours while 2 batteries provide approx 7 hours. (Infinite with hot-swap technology).

- **Certifications**

- CE marked (self certified)
- Meets the Medical Device Directive CE Marking based on the requirements of EU MDD (Medical Device Directive) 93/42/EEC.
- Class 1 medical device according to Annex IX of the above directive.
- Power supply unit has been fully tested and conforms to IEC 60601-1 : 2005 (3rd Edition) in accordance with the IECCE CB Scheme requirements.
- Manufactured in the USA by an ISO 9001:2008 & ISO 13485:2001 certified manufacturer.

Lunar System Case (Code MHTi-01)

Consists of:

- MHT-i Surgical Headlight unit
- 2 x LiPo batteries
- Mains/ USB charger cable and power supply.
- Hard storage case c/w shoulder strap.

Desk-top Charger (Code MHTi-DC)

- For external charging

Spare batteries (MHTi-2B)

- 2 LiPo batteries

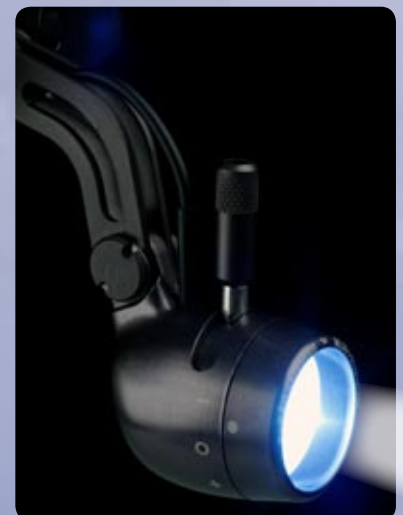
Ordering Information



System Case

What the Surgeon says:

"The headlight provides a major improvement on the cord-dependent light sources. The halo is light and comfortable. The light assembly frame is unobtrusive, sufficiently stiff to prevent shake, and the beam is sufficient for coronary work. The assembly did not interfere with my loupes and adjustment by the theatre staff when sterile was easy to accomplish. Its clearly defined circular beam is not as wide as others in the marketplace, but this is actually an advantage, as it contributes to the surgeon's attention on the dissecting area. No one trod on my light cable because there was none, and moving around the operating theatre table was a much easier manoeuvre!"



Beam: 200,000 LUX Output.