

DO MORE WITH THOR

How Photobiomodulation Therapy works

Light can stimulate or inhibit cellular function according to its intensity and the time applied. Lasers and LED's produce intense beams of light at specific wavelengths. When the right wavelength at the right intensity is used at the correct anatomical location for the right amount of time you can stimulate repair, resolve inflammation and reduce pain.

One of the primary mechanisms is the effect of light on cytochrome c oxidase and the consequently the unbinding of nitric oxide and release of ATP leading to improved cellular function. For anti-inflammatory effects we have found a measurable reduction in PGE2, TNF Alpha and IL-6 in the synovia surrounding damaged tendons and for analgesia high intensity lasers over nerve supply can inhibit fast axonal flow.



Thor Laser Pro Package includes:

- LX2 table top control unit
- Medium **healing** LED cluster
- **Analgesic** laser cluster
- **Trigger Point** laser
- Red Single **Laser Intra-oral** Dental Probe
- Point locator
- Access to the THOR treatment library
- 2 x Laser safety glasses

Thor LX2 Control Unit

Product Code: S1022

Mains Powered (Voltage 115v or 230v User Adjustable), Two Probe Outputs (Automatic Switching), Skin Conduction (Acupuncture/trigger Point Locator), Optical Power Meter, Timer 5 Seconds - 5 Minutes, 11 Pulse Frequencies from 2.5 Hz - 20k Hz & Continuous, Weight 3kg Dimensions 195 X 125 X 350mm



THOR **Medium** LED Cluster

Product Code: S2110

1390mW
69 Diodes
34 x 660nm 10mW
35 x 850nm 30mW
1390mW Total



THOR Laser **Cluster**

Product Code: S2160

1000mW
5 Diodes
5 x 810nm 200mW
1,000mW Total



THOR **Red Dental** Laser

Product Code: S2173

75mW Single
1 x 660nm 75mW
75mW Total



THOR **Trigger Point** Laser

Product Code: S2092

200mW Single
1 x 810nm 200mW
200mW Total



Laser **Safety Glasses**

Our CE Marked Laser Safety Glasses work by absorbing the harmful laser energy and not by reflection.

