

# **SPECTRAVET**

## **THERAPEUTIC LASERS**



SpectraVET Low Level Laser Therapy offers fast and effective treatment of many injuries commonly suffered by performance animals and pets alike.

Laser Therapy is used to increase the speed, quality and tensile strength of tissue repair, resolve inflammation and give pain relief. It's a valuable form of treatment for animal athletes, due to the prospect of shorter recovery and lay-off times.

Designed for portable operation, the US-made SpectraVET Laser System is lightweight and simple to use, yet rugged and powerful enough for the most demanding user.

Portable laser systems enable treatment to be carried out in field locations, allowing immediate and more effective treatment of sporting injuries, such as muscle tears, hematomas, and tendinopathies.

The SpectraVET base unit is housed in a tough aluminium case to protect it from everyday knocks and bumps, and the laser probes are machined from aircraft-grade aluminium.

A range of standard and custom probe configurations is available to suit every budget and application. New probes can be added at any time, ensuring SpectraVET can adapt as your needs change.

**Now CE marked for sale in Europe the SpectraVet range provides excellent value for money & reliability.**



#### SPECTRAVET LASER UNIT SPECIFICATIONS

- Time (secs):** 4, 8, 12, 16, 20, 24, 32, 40, 48, 64, 80, 96
- Freq (KHz):** CW, 0.25, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0
- Safety:** key switch; watchdog timer;  
emergency stop button;  
remote interlock connector;  
auto-standby after 5 mins
- Power:** rechargeable batteries and external multivoltage  
power supply, with Euro & UK Adaptors
- Weight:** 1Kg + probe(s)
- Warranty:** 36 months on base unit, probes and accessories.
- Package:** Base Unit, Laser Probe,  
Power Supply, Carry Case,  
Operation Manual,  
1 pair of CE certified Laser Safety Glasses.

INVISIBLE LASER RADIATION  
AVOID EXPOSURE TO BEAM  
CLASS 3B LASER PRODUCT

## SPECTRAVET STANDARD PROBE SPECIFICATIONS

	250-810-IR-S	500-810-IR-ST	500-810-IR-C
<b>Primary Application</b>	Joints, trigger points, acupuncture	Tendons, soft tissue, open wounds, general musculoskeletal	General musculo-skeletal, small animal, canine
Type of Laser Diode	GaAIAs	GaAIAs	GaAIAs
Wavelength	810nm	810nm	810nm
Number of Lasers	1	1	4
Beam Divergence	9° x 38°	9° x 38°	9° x 38°
Power per Laser Diode	250mW	500mW	125mW
Total Power of Probe	250mW	500mW	500mW
Aperture Size Ø	9mm	25mm	25mm
Polarisation	Linear	Linear	Linear
Classification	Class 3B Laser	Class 3B Laser	Class 3B Laser
Delivers 1 Joule in	4 secs	2.0 secs	8 secs (per laser)
Dose per 32 Secs*	8 Joules	16 Joules	16 Joules

\* 32 secs = default timer setting

	1000-810-IR-C	1500-810-IR-C	2000-810-IR-C
<b>Primary Application</b>	General musculo-skeletal, canine	General musculo-skeletal, equine	General musculo-skeletal, equine
Type of Laser Diode	GaAIAs	GaAIAs	GaAIAs
Wavelength	810nm	810nm	810nm
Number of Lasers	4	4	4
Beam Divergence	9° x 38°	9° x 38°	9° x 38°
Power per Laser Diode	250mW	375mW	500mW
Total Power of Probe	1000mW	1500mW	2000mW
Aperture Size Ø	25mm	25mm	25mm
Polarization	Linear	Linear	Linear
Classification	Class 3B Laser	Class 3B Laser	Class 3B Laser
Delivers 1 Joule in	4 secs (per laser)	2.7 secs (per laser)	2.0 secs (per laser)
Total Dose / 32 secs*	32 Joules	48 Joules	64 Joules

\* 32 secs = default timer setting

[www.spectravet.com](http://www.spectravet.com)

For sales & service in the UK & Europe contact:-

***TFT Electronics***

Telephone:- +44(0)1546 510355

[www.tftelectronics.co.uk](http://www.tftelectronics.co.uk)    [mail@tftelectronics.co.uk](mailto:mail@tftelectronics.co.uk)