

Practical Thermography

Our aim is to offer you, the Horse Owner, Rider, Trainer, Therapist and Vet, a professional service and practical tool so that you can have 'another layer of information' about the horse you are working with.

When a presenting change affects the animal you care for, you understand the need to find the source of a problem quickly and to start applying the appropriate treatment, preventative measure or management response as soon as possible.

About Infrared Equine Thermography.

Infrared Thermal Technology provides a sophisticated method of revealing body surface temperature differences, or hot and cold spots, on the horse.

Temperature changes are always the foremost indicators of a simultaneous structural change; nature attempts to keep core temperatures stable so if the temperature is changing, something is definitely happening.

The human hand is able to detect temperature changes with a difference of 2° - 3°C. By contrast, the sensitivity of the infrared camera shows changes in 0.1°C increments. Computer software provides a clear and precise visual reference of heat differences, easily revealing asymmetries and highlighting suspicious thermal patterns.

Equine Thermography may assist in veterinary diagnostics; the assessment of temperature changes can play an important role. By revealing the location of physiological changes, or heat differences, information is provided about where to investigate further to reveal the specifics of the problem.

Additionally, infrared thermography helps us monitor the equine athlete's body to see how well it is adapting to training along with providing information about hoof balance, saddle fit, tooth and jaw issues and more.

Once medical treatment has begun, or a management or training protocol has been adjusted, thermography can have a role in monitoring how effective the treatment or response has been.

Prevention Better Than Cure

Prevention is better than cure and sometimes we know something is not right with our horse but can't put 'a finger on it'. Equine Thermography can be a cost effective way of investigating the horse and his responses to stressors. Some conditions may in fact only be readily revealed with the use of infrared thermal imaging.

The Science-y bit!

Infrared Thermography is a completely non-invasive physiological test rather than an anatomical test such as x-ray, ultrasound, MRI, or CT scan. We use a strict imaging protocol as agreed within the professional thermographic community and refrain from making any medical diagnosis which will always be referred to a qualified Vet.

Pre-purchase Examinations

A full Thermographic Survey prior to purchase.

Back Problems

Reveal soreness, nerve problems, bruising and torn tissue

Underlying Issues

Unspecified lameness investigation

Foot Balance

Indicates imbalances in the foot, reveals location of abscess and other foot problems. Gives indicators of a diminished or imbalanced blood supply to the foot.

Saddle fit

Is your saddle balanced? Does your saddle have pressure points or patchy flocking?

Rider balance

Sitting to the left? Sitting to the right?

Monitoring Injury, Rehab & Repair

Coming back into work and monitoring.

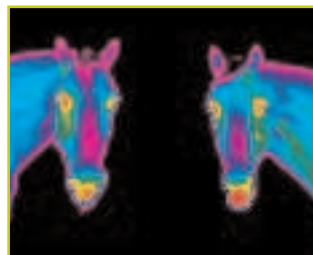
Monitoring training stresses

Observing physical responses in the musculo-skeletal system and asymmetries.

Preventative Measures

Regular imaging can reveal heat and inflammation prior to mechanical breakdown


Equine Thermography can show the location of back problems, muscle tears and bruises, inflammatory areas and 'cold' areas, imbalances in the feet, saddle fit, indicate tooth and jaw problems and much more.



07771 870389

01483 414330

www.equinethermography.co.uk

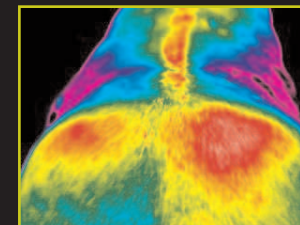


Equine Thermography

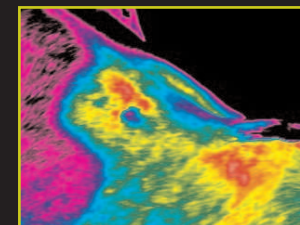
Infrared Thermal Imaging
A practical aid for the Horseowner.
A diagnostic tool for the Professional.

Find out much more about your horse!

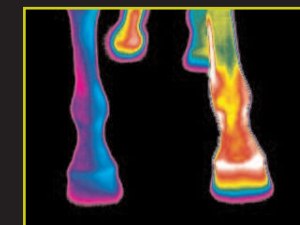
Is your horse quietly adjusting to unseen soreness?



Does your saddle have pressure points?



Do you want to monitor an injury?



Or investigate an unspecified lameness or underlying disquiet?

www.equinethermography.co.uk

Tel: 01483 414330 or 07771 870389

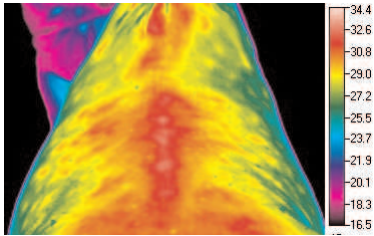
For The Horse Owner

Equine Thermography is an affordable and highly visual way of knowing more about your horse. You can check your horse's back, saddle fit, assymetries, be alerted to soreness and may even help to prevent injury by you being able to respond in time.

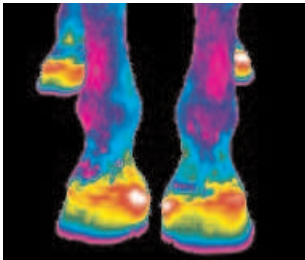
Our aim is to bring this technologically advanced tool to you in a most practical, useful and beneficial way for you to investigate and understand your horse.

Upon request, we can supply your Vet, Farrier, Saddler, Therapist, etc with quality thermographic images for the promotion of health and well-being in your individual horse.

A useful tool to assess for back pain, saddle fit, inflammation, etc. We can work alongside your Physiotherapist, Chiropractor, Vet and/or Massage Therapist.

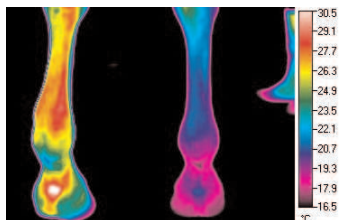


Reveal hoof balance, pressure points, abscess location, acute and low grade laminitic symptoms, effects of conformation and pressures through the limb. Inflammation of splint bones, lower leg structures, etc.



Working with Vets, Physios & Equine Professionals

Thermography can quickly and effectively reveal the location of back problems, muscle tears and bruises, inflammations and some nerve dysfunctions. Thermography is a relevant primary diagnostic tool; it is a test of changes in the current physiology of tissue highlighting the 'where' for further investigation and/or treatment.



This image clearly shows inflammation on the left leg. However the more relevant information is the unnatural degree to which the right leg is 'cold' indicating a painful nerve dysfunction; a symptom which regularly remains missed.

Please note that, by Law, medical diagnosis must only be made by a qualified Vet.

Thermography Video



We have the capacity to record short clips of thermography footage of your horse.

This can be ideal if you want to observe a particular muscle group or structure in movement.

'Thermo-video' is carried out with the horse on a treadmill, ridden or on the lunge.

On the website...

Thermography Picture Galleries

Case Studies & Reviews

Research Projects and Case Studies

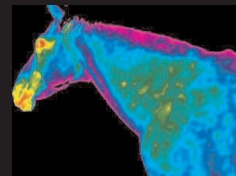
We help students, research graduates and equine therapists to produce meaningful reports using Infrared Equine Thermography. If you are a student, therapist or manage a student group and wish to use thermal imaging for case studies, projects and investigative research please contact us directly to discuss your specific requirements.

Preparing the environment

The viewing environment is of paramount importance to the quality and usefulness of thermal images achieved. For most purposes an indoor school or sheltered area is sufficient for achieving good quality images. For medical diagnostic purposes the horse must be in a temperature controlled environment. See the website for advice on good horse and environment preparation.

If only your horse could tell you what is going on for him...

Well now he can!



Services & Packages - curent price list on the website

Full Body Thermal Imaging

For general assessment, lameness investigation, veterinary diagnostic purposes, pre-purchase examination, quarterly thermographic review. A full set of thermal images including body, legs, head, back, feet. Standard report available on request. Diagnostic Report recommended

Saddle Fit

Images of the horse's back pre- and post-work. Images of the underside of the saddle. Images can be made available to your Saddler and/or you can arrange for the Saddler to be present during the thermographic session.

Area of Interest

Images of the 'area of interest' with the corresponding opposite side for comparison. Particularly useful for assessing an injury site through rehabilitation or 'return to work'.

All four legs

Side, front and back view of lower legs, underside of feet and whole leg views. Close ups of 'areas of interest' with corresponding opposite side for comparison.

Thermo-Video

A short clip of your horse in movement. This may be useful for reviewing a particular area, joint or limb under mild stress. Please contact us to discuss your requirements.

Diagnostic Service

We are able to offer a service dedicated to the correct interpretation of thermal images for veterinary medical diagnostic purposes. After completion of a full body imaging session which has been carried out in an optimum viewing environment, we send all images to Donna Harper DVM, in the USA; a renowned leading Veterinary expert in infrared equine thermography. The report will be made available to you and your Vet.

Groups, Discounts & Day Hire

We offer group rates and discounts which can be seen on the website. Please also call to discuss these and any special requirements you have. You may wish a 'hire for the day' for use at a horse sales, for education, research and case study investigations or other.

Your images and reports

Relevant images can be provided to you in a format of your choice; print outs, computer disc or other. A report can be carried out on request which compiles images into a useable form for your Vet, Therapist, etc. A Diagnostic Report is always highly recommended.

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