

LIMB PHASING SYSTEM



For the first time, measurable results of a horse's movement in each gait can be quantified during training and competition.

What is it, how is it used?

- 4 motion sensors fitted within brushing boots
- GPS sensor fitted on rider
- Easy to fit, takes no longer than tacking up a horse
- Results automatically calculated and presented to the user
- Customised options to allow in-depth analysis
- Results can be exported for use in other programs
- Equipment supplied in a portable case



What does it tell you?

- Number of strides, time and distance in each gait
 - Where you rode (GPS map)
 - For each and every stride it automatically calculates:
 - Stride duration (rhythm)
 - Speed
 - Temporal limb phasing; how each leg moves individually and relative to each other, allowing you to see for example:
 - whether your horse is working evenly
 - if the canter is the same on both reins
- And if the answer is no, what to work on.



Applications

- Characterisation of each horse's stride to enable monitoring throughout its life
- Early identification of loss of performance
- Pre-purchase vetting
- Horse selection for a particular equine discipline
- Monitoring of horse recovery from injury

Overleaf are two typical limb phasing canter extracts from the same horse, following a focused training programme.



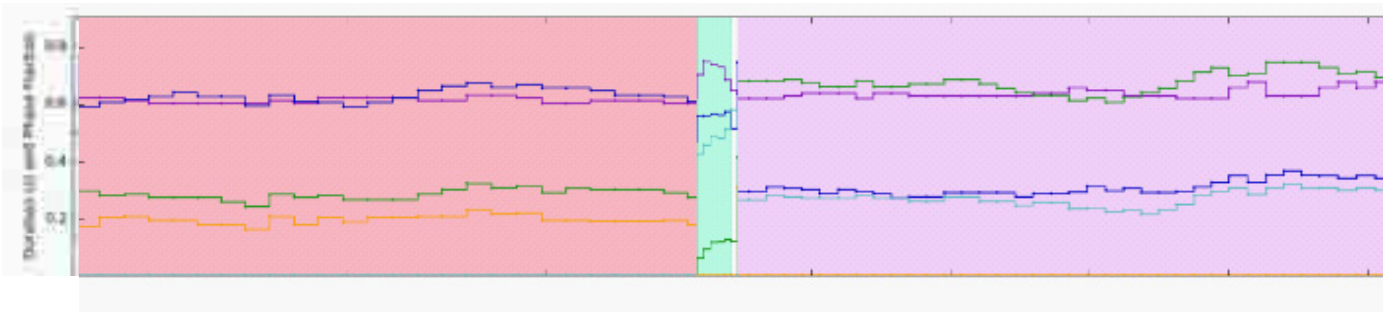
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The first canter values and graph show the horse to have very different canters on both reins. Following a focused training programme, the second values and graph show the horse has significantly improved. It is a lovely example of the effect that training has had in achieving the desired response. Note; purple line is stride duration

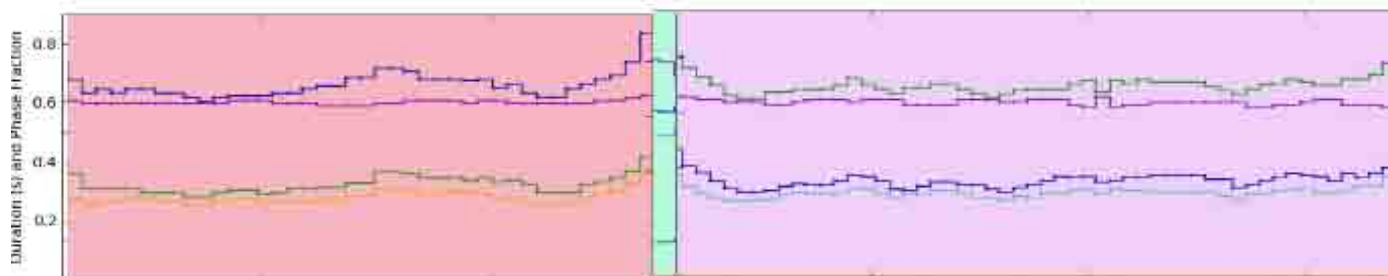
Left Canter
Left Fore - 65.6% (dark blue)
Right Fore - 29.7% (green)
Left Hind - 21.9% (yellow)
Right Hind - 0% (reference limb)

Right Canter
Right Fore - 66.2% (green)
Left Fore - 28.8% (dark blue)
Right Hind - 25.9% (light blue)
Left Hind - 0% (reference limb)



Left Canter
Left Fore - 66.2% (dark blue)
Right Fore - 31.2% (green)
Left Hind - 28.1% (yellow)
Right Hind - 0% (reference limb)

Right Canter
Right Fore - 67.2% (green)
Left Fore - 30.6% (dark blue)
Right Hind - 29.5% (light blue)
Left Hind - 0% (reference limb)



All values have increased, indicating a greater degree of collection. Especially note how the Right Fore and Left Hind in the left canter are closer together, indicating the diagonal pair is working more in unison. Note; you will be shown how to interpret the graphs during your profile.

***Want to know more about your horse? Book a profile.
We come to you, you ride, we discuss your results.***

Three options available; single test £69, half day £250, full day £400 plus marginal expenses depending where you are located. A video of each profile can also be provided at additional cost.

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