

Measurably Better Care

The Equinosis® Q is a veterinary diagnostic system used to objectively measure a horse's movement.

Why

Asymmetry as small as 3mm can indicate a subtle lameness. Smaller than the average human eye can reliably see. Impossible to accurately measure without technology. The Equinosis® Q quantifies asymmetry with sub-millimeter precision, allowing your veterinarian to measure what the eye attempts to perceive.

The Equinosis® Q is a sophisticated medical diagnostic tool. Analytical output must be interpreted by a licensed veterinarian skilled in equine lameness evaluations and trained in the use of this equipment. The Q should only be used in conjunction with a complete veterinary examination to determine the clinical significance of measurements. Attempts to use or interpret Q results in clinical cases without such examination are discouraged.



EQUINOSIS
PRECISION LAMENESS MEASUREMENT

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THE
EQUINOSIS
with
— LAMENESS LOCATOR® —

**PRECISION LAMENESS
MEASUREMENT**

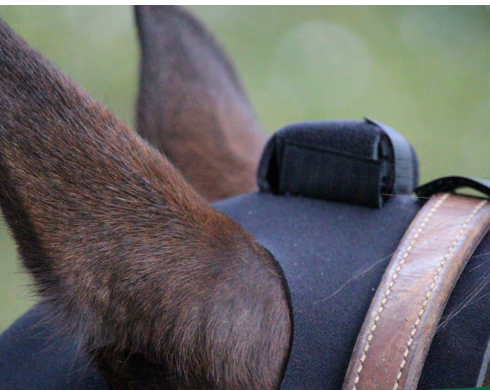
PRECISE MEASUREMENTS THE HUMAN EYE CAN'T SEE

ACCURATE TO LESS THAN ONE (1) mm AT 100 METERS

Similar to a microscope or telescope, inertial sensors measure motion with superior resolution.

Ask Your **Vet**

- Evaluate mild or multiple limb lameness
- Quantify effectiveness of diagnostic nerve & joint blocks
- Gauge effectiveness of therapeutics
- Monitor rehabilitation progress
- Assess asymmetry in pre-purchase evaluations
- Measure rider effects on lameness



the **gold standard** for field-based measurement of lameness

Microelectronic sensors measure precisely how the horse moves with wireless, real-time data collection. Instrumentation is quick, easy and completely non-invasive.

The **Technology**

With over 25 years of gait analysis research, Dr. Kevin Keegan, equine surgeon and University of Missouri Lameness Program Director, with university engineering professors, resolved that vertical motion of the torso is the most sensitive and accurate indicator of lameness in the horse. The Q uses accelerometers to measure motion of the head and pelvis, and a gyroscope on the leg to detect the timing during the stride. Normal gait movement is not restricted. Analysis results are reported in seconds.

The **Results**

Proprietary algorithms calculate movement asymmetries and analyze known lameness patterns. The Q objectively identifies and accurately measures amplitude and timing of lameness, often reducing time from evaluation to localization to treatment. Precise quantification of improvement from diagnostic blocks and therapeutics can be documented. Investigation of subtle, difficult to see lameness can be investigated earlier and proactively managed.

What **People** are Saying

"We'd been to local vets many times, but were just throwing money at problems without knowing if we had found the true cause of his issues. The Lameness Locator® helped us find the real root of his problems, and we've been able to maintain him as a tough 1D/rodeo horse because of what we learned that day."

MELANIE MCGEE, YATES SADDLE CLUB ARENA, KS, USA

"I am lucky enough to have [my veterinarian's] hands on my top dressage horses, and I was completely impressed with your technology and thankful they have it in their back pocket. It makes the whole process easier and less stressful for owner and rider."

MELISSA TAYLOR, OWNER OF LEGACY FARMS, FL, USA

"Lameness Locator® allows us to precisely assess the degree of improvement after treatment. This not only helps us to determine if future treatment is required, but also provides the objectivity and accuracy essential for research publications."

PABLO ESPINOSA, DVM, DACVS, UC DAVIS, CA, USA



The Equinosis® Q is in Use On Every Continent Except Antarctica

Over 60 universities around the globe, including 80% of all North American veterinary teaching hospitals, are training the next generation of doctors with Equinosis technology. For a complete list of users, visit equinosis.com/find-a-vet/.