

## EQUIMETRIX®

### FOR GAIT ANALYSIS IN ROUTINE



RACING AND  
DISTANCE ABILITY

ENDURANCE RACING

DRESSAGE AND  
JUMPING TEST

LAMENESS  
QUANTIFICATION



**EQUIMETRIX IS EASY TO USE IN THREE STEPS:**

- 1/ Attach the Equimetrix motion recorder on the saddle girth  
or put an elastic girth for a test in hand**



- 2/ Test your horse in real exercise condition**



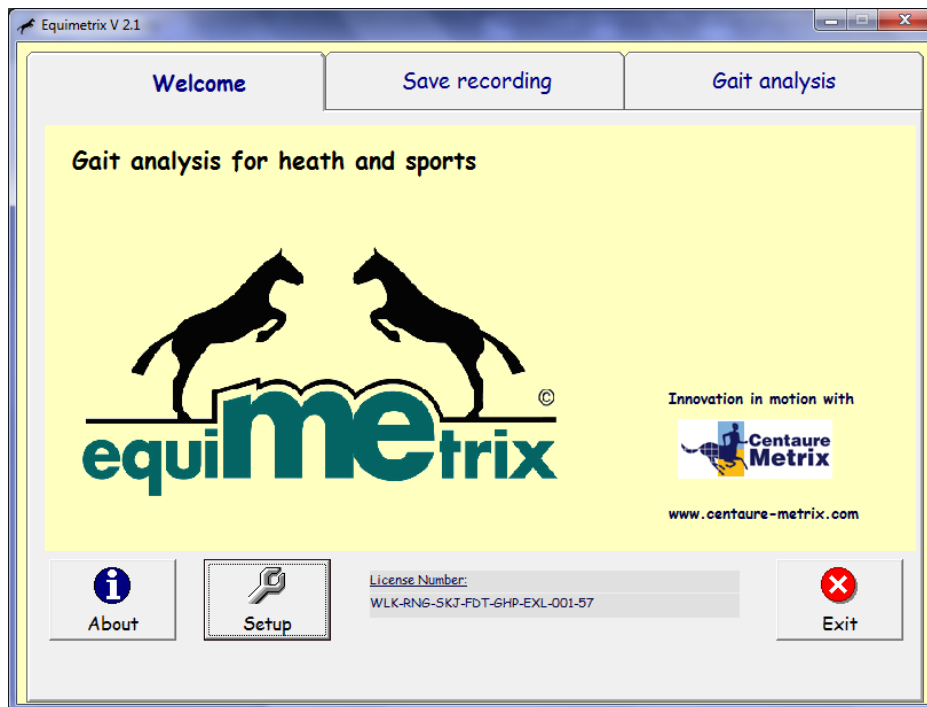
- 3/ Analyze the gait results using Equimetrix software**



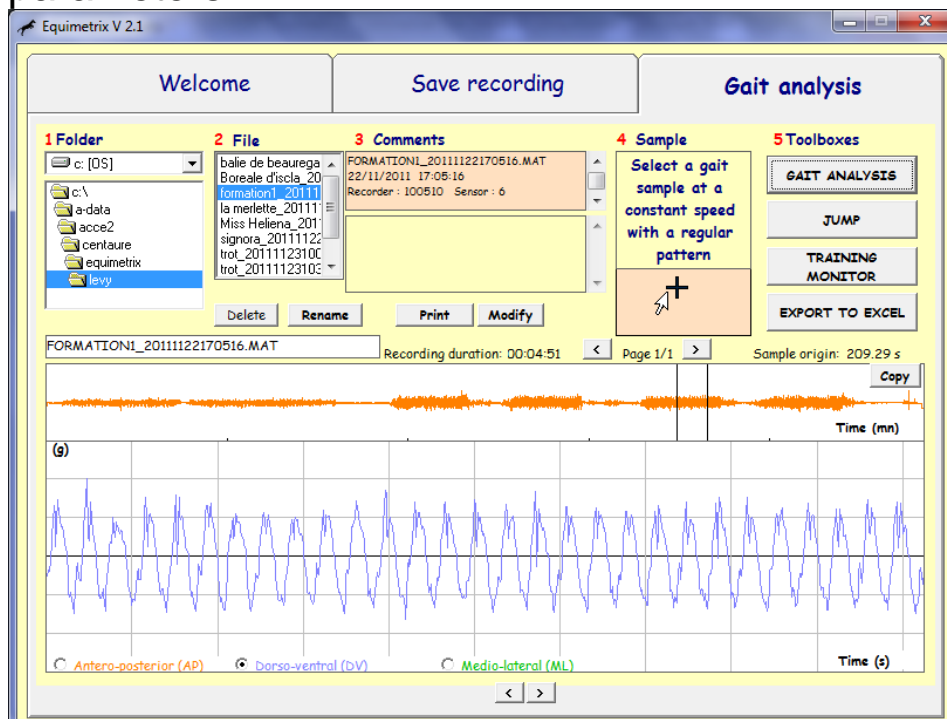
**FIELD EXERCISE TESTS UNDER REAL CONDITION**



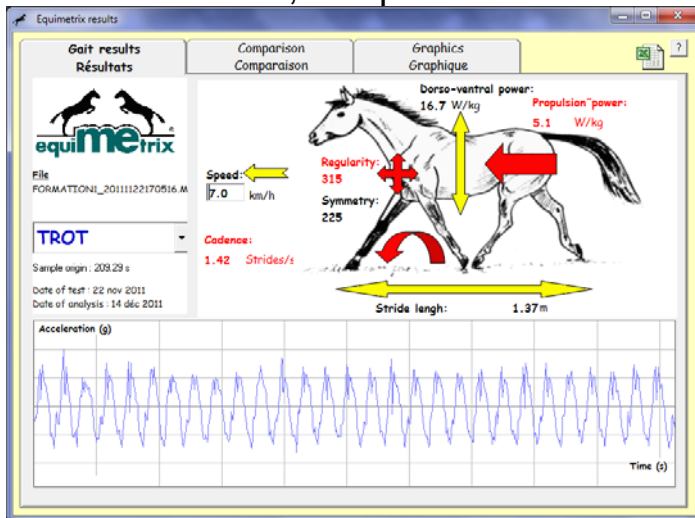
## QUICK ANALYSIS OF THE GAIT TEST USING EQUIMETRIX SOFTWARE



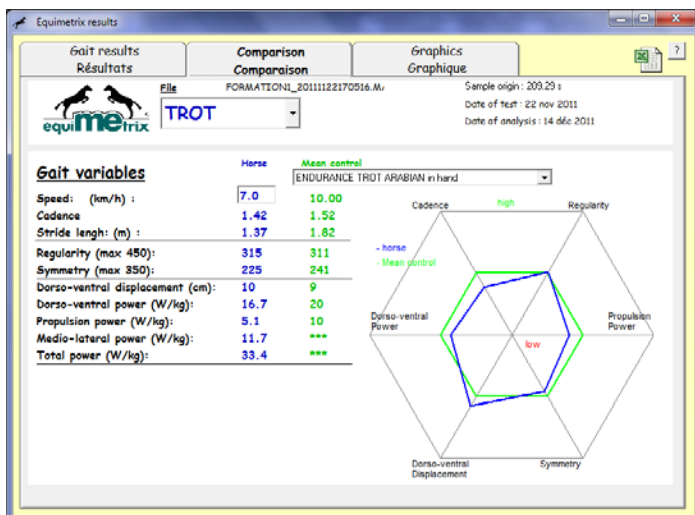
1/ Select the steady state gait sample to calculate the gait parameters



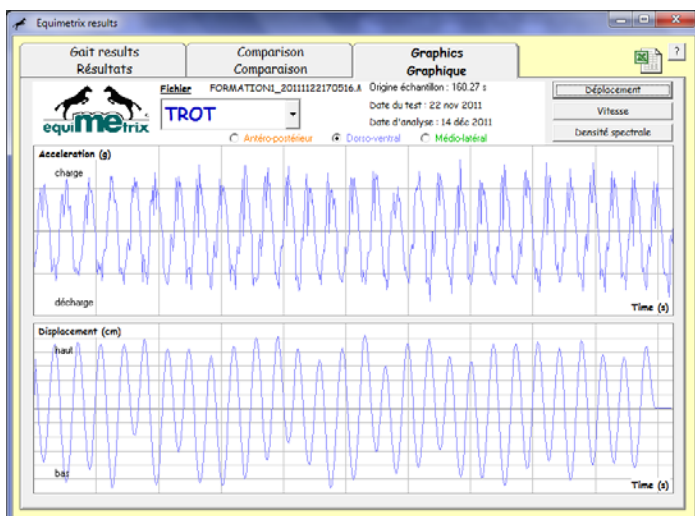
2/ The gait parameters are calculated and displayed on three panels: numerical results, comparison to references and graphic analysis



Synthetic numerical results



Comparison with references



Graphic analysis

**REFERENCES:**

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**TECHNICAL SPECIFICATIONS****Accelerometer recorder:**

- Tri-axial accelerometers +/- 6 Gravity
- Maximum Overload: 3000 G
- 3 synchronized channels
- Acquisition frequency : 100 Hz/channel
- Anti-aliasing low pass filters of 1st order with a cut-off frequency of 50 Hz
- Maximum duration of recording: 7 hours and 45 minutes
- Battery autonomy : 11 hours - Load by USB plug in 3 hours
- Transfer to the PC by serial communication emulated in USB 2
- Size of the aluminium box: 50 x 25 x 110 mm
- Weight: 240 grams
- CE Marking: EC certification CEM 89/336/EEC with the references of following standards: EN61000-6-3 (2001) ; EN61000-6-1 (2001) ; EN55022 (1998) ; EN61000-4-2 (1995). Device Class I.

