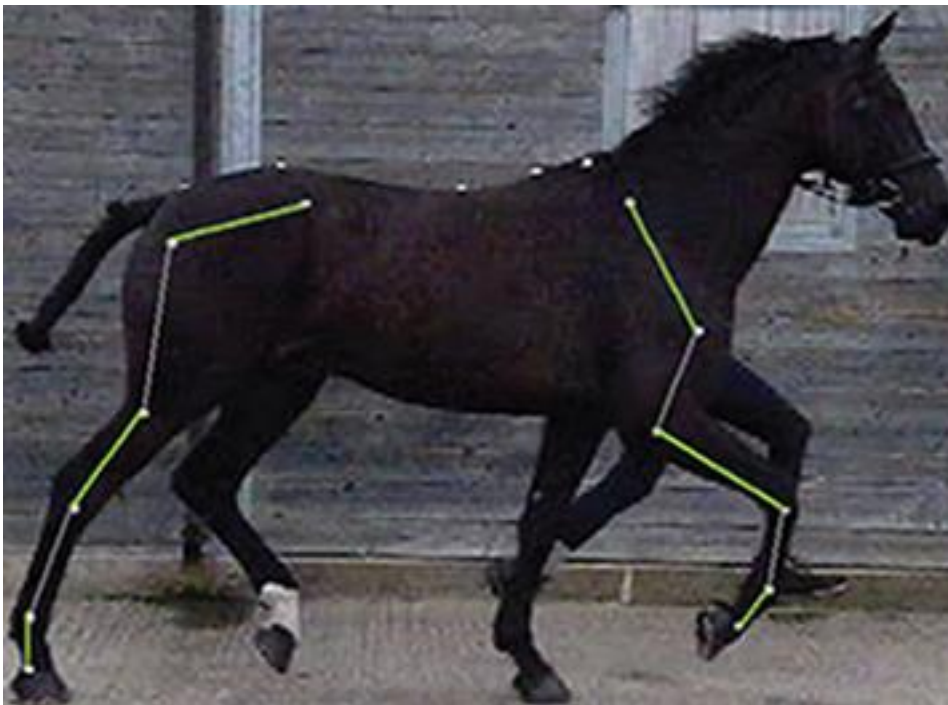


Centaur Biomechanics

Quintic Equine Analysis Packages



Quintic has been used for published scientific research across a variety of disciplines, including equine.

Three equine specific packages are available with an option to suit a variety of analytical needs and budgets.

Quintic has been used for published scientific research across a variety of disciplines...



Bronze Package

Entry level package designed for use by coaches and for the analysis of the rider, using one or two camera angles.

Bronze Package Includes:

- Quintic Coaching v26 software single licence for **£950 +VAT**
- Various single or dual camera options available to suit any budget – even your iPhone 5S!
- Portable laptop system with easy set-up and use

Quintic Coaching v26 Software Key Functions:

- Up to 4 videos can be viewed side by side and in synchronisation
- Visual comparison of technique using video blend or overlay
- Use drawing tools and static angle calculations to analyse the horse and rider
- Take single photo snapshots or create multiple photo sequences
- Save analysed videos straight to CD/USB or send instantly by e-mail
- Use the Quintic Video Editor to flip, rotate, trim and add logos/watermarking to videos
- Track a single point manually or automatically throughout the duration of the video
- Linear analysis - displacement, velocity and acceleration of a single point

Hardware Options:

- Quintic high-speed USB2 or USB3 cameras (connect to laptop for LIVE video capture)
 - USB2 camera for £645 +VAT
 - USB3 camera for £995 +VAT
 - Lenses starting from £165 +VAT
- Casio high-speed hard drive camera (second hand) – starting from £380 +VAT
- Use your own iPhone 5S or hard drive camera (not high-speed video)

Available accessories include: Quintic laptops, laptop stands, tripods, LED lighting, reflective markers, etc.

Quintic has been used for published scientific research across a variety of disciplines...



Silver Package

Mid-range package designed for use by experienced coaches or analysts for the in-depth biomechanical analysis of both the horse and rider, using one camera angle.

Silver Package Includes:

- Quintic Biomechanics v26 single licence for £3,500 +VAT
- Quintic Automatic Equine Report single licence for £1,000 +VAT
- Various single high-speed camera options available to suit any budget
- Portable laptop system with easy set-up and use

Quintic Biomechanics v26 Software Key Functions:

- Up to 6 videos can be viewed side by side and in synchronisation
- Track up to 21 points manually or automatically throughout the duration of the video
- Linear & angular analysis - displacement, velocity and acceleration for up to 21 points
- Compatible with the Quintic Automatic Equine Report
- Plus all the key functions found within Quintic Coaching v26 (Bronze Package)

Quintic Automatic Equine Report:

- Enables the user to analyse equine gait and quickly produce a detailed PDF report
- Quantifies the key variables at the key time events for up to five strides for all four limbs
- Comprehensive graphical, numerical and visual feedback
- Data produced in a relatively short period of time – essential in an applied setting

Hardware Options:

- Quintic high-speed USB2 or USB3 cameras (connect to laptop for LIVE video capture)
 - USB2 camera for £645 +VAT
 - USB3 camera for £995 +VAT
 - Lenses starting from £165 +VAT
- Casio high-speed hard drive camera (second hand) – starting from £380 +VAT

Available accessories include: Quintic laptops, laptop stands, tripods, LED lighting, reflective markers, etc.

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Gold Package

Premium package designed for use by biomechanical analysts and researchers for in-depth analysis of both the horse and rider from one to six synchronised camera angles.

Gold Package Includes:

- Quintic Biomechanics v26 single licence for £3,500 +VAT
- Quintic Automatic Equine Report single licence for £1,000 +VAT
- Various multiple high-speed camera options available
- Option of a fixed desktop or portable laptop system

Quintic Biomechanics v26 Software Key Functions:

- Up to 6 videos can be viewed side by side and in synchronisation
- Track up to 21 points manually or automatically throughout the duration of the video
- Linear & angular analysis - displacement, velocity and acceleration for up to 21 points
- Compatible with the Quintic Automatic Equine Report
- Plus all the key functions found within Quintic Coaching v26 (Bronze Package)

Quintic Automatic Equine Report:

- Enables the user to analyse equine gait and quickly produce a detailed PDF report
- Quantifies the key variables at the key time events for up to five strides for all four limbs
- Comprehensive graphical, numerical and visual feedback
- Data produced in a relatively short period of time – essential in an applied setting

Hardware Options:

- TWO Quintic high-speed USB3 cameras (LIVE synchronised multi-video capture)
 - £995 +VAT per camera and lenses starting from £165 +VAT
- UP TO SIX Quintic high-speed GigE cameras (LIVE synchronised multi-video capture)
 - £895 +VAT per camera and lenses starting from £165 +VAT

Available accessories include: Quintic laptops, Quintic desktops, laptop stands, tripods, LED lighting, reflective markers, etc.

Quintic has been used for published scientific research across a variety of disciplines...



Quintic Automatic Equine Report

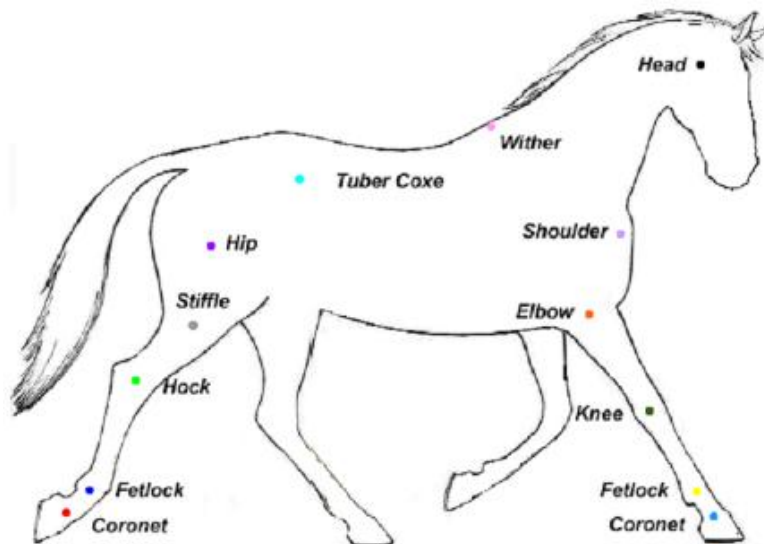
The Quintic Automatic Equine Report enables the user to analyse equine gait and quickly produce a detailed PDF report quantifying the key variables at the key time events for up to five strides for all four limbs.

The report contains a high level of detail and provides comprehensive graphical, numerical and visual feedback in a relatively short space of time – something we have found to be essential for our clients using the Quintic software in an applied setting.

Number of Cameras: The equine report is designed for use with 2 synchronised cameras, one from either side. You can also use the report with just 1 camera view, where you take two separate videos; one with the horse walking one way then a separate video for the horse walking back the other way.

Number of Trials: Upload up to five trials for each limb: Left fore, right fore, left hind and right hind.

Anatomical Marking: To generate a complete report, reflective markers need to be positioned on the following anatomical landmarks:



Report Output: The Quintic Automatic Equine Report includes graphs, diagrams and statistics for:

- Stride Characteristics: Stride length, stride time & load time
- Protraction/Retraction
- Angular Displacements & Velocities: Shoulder, elbow, knee, fetlock, coronet, hip, stifle & hock

You also have the option to upload still image snapshots taken within the Quintic Biomechanics software in order to provide visual feedback and emphasise a particular point of the horse gait.

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