



ANALYSING MOVEMENTS AT THE HIGHEST LEVEL



START

split times

kick rates

stroke rates / stroke counts

stroke lengths

breath numbers / breath pattern

trajectories

distances

velocities

angles

TURN



ANALYSE SWIMMING TECHNIQUE

- Analyse technique elements and complete swimming movements
- Above and under water
- From various perspectives.
- Evaluate and compare video data
- Identify limiting factors



ANALYSE STARTS & TURNS

- Evaluate start and turn manoeuvres
- Above and under water
- Get kinematic and dynamic results
- Improve the athlete's start and turn performance section by section



ANALYSE RACES

- Analyse relevant split sections
- Record your races or import video data
- Choose your relevant parameters
- Collect data for long-term study



FEEDBACK WHENEVER YOU WANT

- Provide immediate feedback from the pool edge
- Above and under water
- Live or delayed
- Improve faster by continuous timing reflection



2 CAM PACKAGE

The mobile entry-level analysis system of two cameras offers a maximum of application options: Choose between above- and underwater camera positions and static or dynamic application.



TWINCAM TROLLEY PACKAGE

Get one video of parallel above- and underwater recordings. The complete above- and underwater view allows you to analyse holistic movements and stroke definition. Follow your athlete along the pool edge with a wireless trolley.



5 CAM PACKAGE

Analyse start and turns up to 15m and get all relevant parameters of key sections. Real live time view, delayed feedback and precise post session analysis helps coaches and athletes to improve their swim technique and performance.



10 CAM PACKAGE

Turn your pool into high a performance diagnostic centre. The 10 camera setup enables endless professional swimming analysis up to 50m. Follow long-term data acquisition and evaluate the performance development and training success.

References



CONTEMPLAS supplied us a swimming specific analysis system which we use day to day with our elite and young athletes. We use this system to supply coaches and athletes with feedback based on video and stroke parameters. The system makes it easy to compare current performances with the database which contains race analysis, personal best and reference data. By constantly reviewing the athletes' performances we work with specific goalsettings that we can evaluate on short and long term timing to make the necessary step in elite swimming performance.

Stijn Corten | Performance Analyst | Flemish Swimming Federation



We use the Swimming Performance Analysis system with the national team of the DBS e.V. and with prospects from the national A- and B-Pool on site. All of our requirements, starting with simple video feedback training up to complex performance analysis for starts and turn, but also the qualitative analysis of the cyclical movement, are fulfilled. The integrated database offers extensive capabilities to record and compare development of athletes purposefully in the long run. On our way to Rio 2016 the system was a regular feature of our performance diagnostics.

Phillip Semechin | Coach | Olympiastützpunkt Berlin



At Aberdeen Sports Village the Swimming Performance Analysis system of CONTEMPLAS provides us total new opportunities for the professional evaluation of high performance athletes and their training control. The complete system including 28 cameras provides all options from being an easy to use training and feedback tool on both ends of the pool at the same time to collecting kinematic and timing parameter with cameras from up to four perspectives. A specially built starting block with three force plates and two force handlebars provide us new insights into the start performance of the swimmer and we are able to perform a kinetic start analysis. With the use of such accurate diagnostics, we hope to push the right buttons which makes the small differences between the world best athletes.

Daniel Costello | Operations Manager | Aberdeen Sports Village

More references:

Aberdeen Sports Village

Aquatic Research Laboratory Hawaii

D'Coque Luxembourg

Flemish Swimming Federation

Hong Kong Sports Institute

Olympiastützpunkt Berlin

Olympiastützpunkt Sachsen-Anhalt

Swiss Swimming

...and many more

Aberdeen

Honolulu

Luxembourg

Antwerp

Hong Kong

Berlin

Halle/Saale

Tenero

U.K.

USA

Luxembourg

Belgium

Hong Kong

Germany

Germany

Switzerland

Our Partner:

