

smartspeed[™]

The Ideal Technology for Universities, Colleges and Institutes

Fusion Sport's SMARTSPEED™ and SMARTJUMP™ are presently in use in a wide range of educational institutions. Many of these institutions find the systems invaluable, and in most cases the versatility, reliability and exciting range of applications available with SMARTSPEED and SMARTJUMP has led to them becoming the most used items of equipment in the department. .

Applications

- Research data collection
- Innovative protocol development – sports specific research
- Teaching – fitness testing, data analysis, strength & conditioning, physiology, nutrition, biomechanics, psychology & motor learning
- Consulting - to local teams and commercial organisations
- Sports training – student interaction with local teams and your sports facilities

Powerful Integration

SMARTSPEED's wide range of applications lends itself to numerous opportunities for use with other technologies. Some examples include –

- Heart rate and portable gas analysis – create track based protocols such as VO2max, anaerobic threshold or running economy tests previously limited to the lab, using SMARTSPEED's world first fully automated pacing system
- Biomechanical analysis – use force plates and high speed cameras to study athletes in unplanned agility movements
- Video analysis – combine coaching feedback with accurate timing data, or study technique in highly sport specific movements such as unplanned (reactive) change of direction
- Tracking technologies – use SMARTSPEED's accurate timing for validation studies in emerging technologies

Unbeatable Versatility for Teaching, Research and Training

Key Benefits

- Limitless possibilities for research projects in ground-breaking and highly publishable areas of sports performance – decision making, reactive agility, peripheral vision, sports specific fitness test development, plyometrics, speed and power development – get your students out of the lab and into the field
- Easy to create practical sessions – give your students firsthand experience at the wide range of factors which contribute to sports performance, without the hassles of unreliable and complicated equipment
- Robust design – rain, hail or sunshine SMARTSPEED's impact and water resistant units will deliver – day after day
- Save time on data collection – wireless multilane timing straight into MS Windows reduces time for data collection and entry by up to 70%; save your staff time and increase productivity
- Configurability – as the demand for your system increases, simply add gates or base units to meet your needs. Spilt or join systems, use them side by side or apart, there are no constraints in system capacity or flexibility
- Multidisciplinary applications – from research lab to the training field
- New opportunities for community involvement – many of our education clients have successfully used our products to form new relationships with teams, national governing bodies and community groups for research and consultancy work.
- Unmatched timing accuracy – proven by independent Institute research to have superior test-retest reliability compared to even dual beam timing gate systems

Some Current Users

SMARTSPEED™ and SMARTJUMP™ are quickly being realized as vital pieces of equipment for Schools, Colleges and Universities worldwide. Some of our users include -

University of Michigan (USA)
Dublin University (IE)
Monash University (AU)
South Craven ST School (UK)
Hull University (UK)
Bath University (UK)
Roehampton Institute (UK)

West Virginia University (USA)
Tokyo University (Jp)
Victoria University (AU)
Myerscough College (UK)
Heriot Watt University (UK)
University of Wales Institute, Cardiff
Charles Darwin University (AU)

Loughborough University (UK)
Otago Polytechnic (NZ)
Deakin University (AU)
University of Birmingham (UK)
Edge Hill College (UK)
Lincoln University (UK)
Republic Polytechnic Singapore

More Information

For more information on SMARTSPEED and SMARTJUMP, visit the Fusion website or contact your nearest distributor for assistance and a live demonstration.