SPEEDTRACKER

A high performance sensor and intuitive software that analyze the strengths and weaknesses of athletes during sprints

SCIENCEPERFO

The next evolution in the world sprint analysis

The Speedtracker is revolutionizing the field of sport by providing highly accurate data collection for performance optimization and injury prevention, without the need for markers or strings that can be cumbersome during high-speed tests. This technology enables efficient testing for groups, offering coaches and trainers personalized insights to improve athlete performance.

Ready to use technology

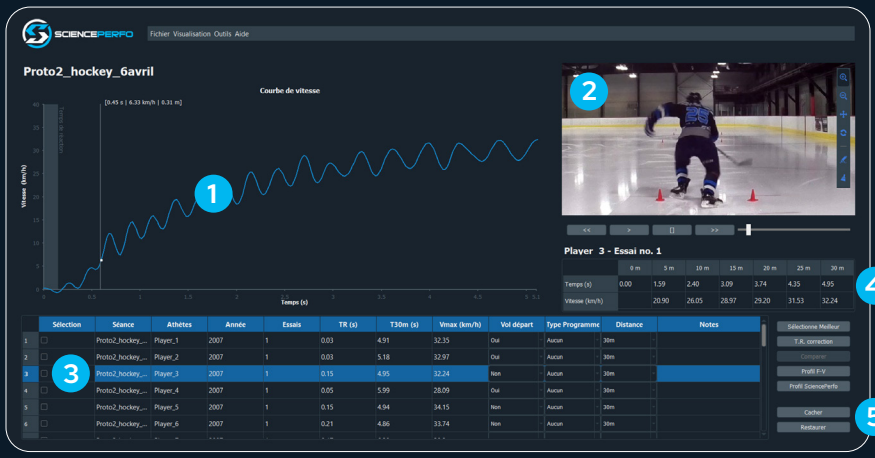
The SpeedTracker sensor is equipped with a built-in computer as well as the necessary software allowing for data collection. All that is left for the coaches to do is to start the player's evaluation by setting up the sensor on a tripod, whether on the ice or any other surface, and press the record button.

A sensor with surgical accuracy

The SpeedTracker sensor allows for the analysis of the athlete's performance during a +/- 40 meter sprint with surgical accuracy. Unlike competing technology, that limits the analysis to the evaluation of the time required to cover a certain distance, the SpeedTracker detects the athlete's position and speed continuously. This generates a detailed curve allowing for the analysis of the athlete's speed along with an unparalleled amount of complementary performance data.

The Speedtracker software provides access to the athlete's SciencePerfo profile and its constantly evolving integrated database, along with automatic calculation of the force-velocity profile.

Exporting data from the sensor to the analytical software is simple and straightforward.



1. **Velocity curve**
2. **Synchronized video of the test**
3. **Visual representation of the complete set of tests**
4. **Time and velocity data**
5. **Set of additional functions**

- Data refresh rate : 50 HZ (50 FPS)
- Distance precision +/- 6 mm
- Max. range 40 m
- Possibility of exporting speed curves to csv file
- Synchronized camera and speed curve
- Possibility of overlapping two trial runs in order to compare the data
- Analysis tool includes : drawing pad, voice recorder, angle calculator...
- Increased data validity due to the ability to adjust the athlete's initial reaction time with high precision.

Contact us for a quote

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