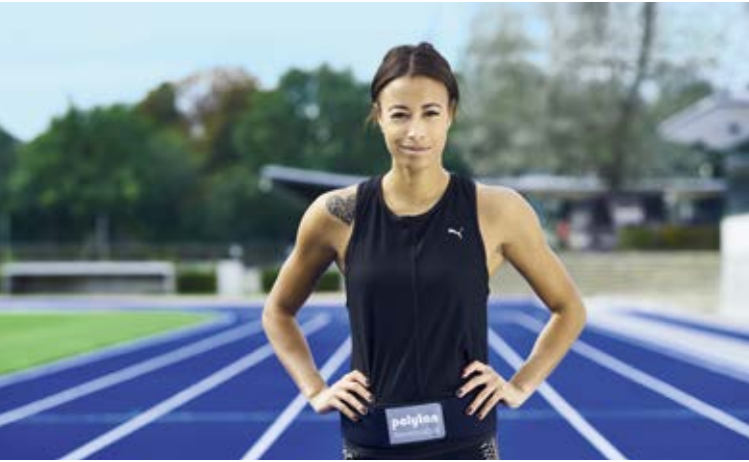


polytan



POLYTAN SMARTRACKS

For professional athletes and ambitious runners, keeping a detailed log of your training session and performance is crucial. Polytan SmarTracks is the ideal solution. Working in conjunction with Humotion, Polytan has developed a sophisticated solution for documenting training performance.



BECAUSE EVERY MILLISECOND CO

Whether it's the classic running disciplines of athletics or team sports like football and rugby, increasing numbers of athletes are relying on the possibilities afforded by digital performance diagnostics to optimise their performance.



UNTS





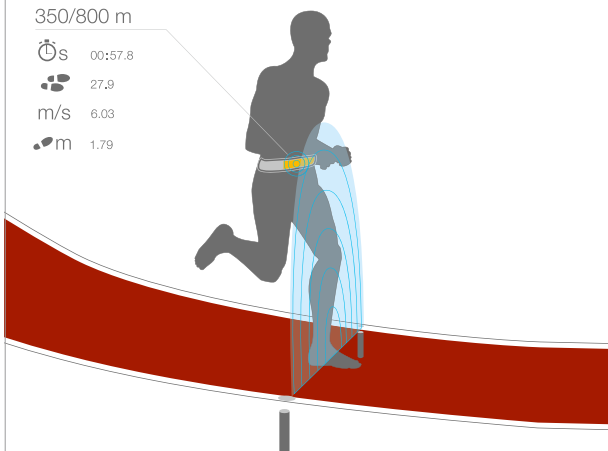
350/800 m

🕒 00:57.8

👣 27.9

m/s 6.03

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SMARTRACKS BY POLYTAN – THE INNOVATIVE IN-GROUND SYSTEM FOR PROFESSIONAL PERFORMANCE DIAGNOSTICS

With SmarTracks, Polytan offers an innovative, highly precise and easy to use system that is installed directly into the sports surface. In combination with the latest sensor technology, training activities in a variety of disciplines can be individually documented and analysed down to the millisecond.

SMARTRACKS SYSTEM COMPONENTS

The Polytan SmarTracks system consists of SmarTracks timing gates that are invisibly integrated into the track or the field, a wearable sensor weighing just 12 g and the tried and tested SmarTracks diagnostics software produced by our partner Humotion. Alternatively, the system can also be used directly on a smartphone and the SmarTracks Run app. The number of users of this system is unlimited.

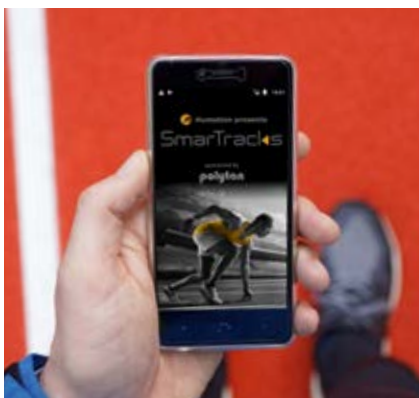
SIMPLE INSTALL AND USE

SmarTracks systems by Polytan are equally suitable for both running tracks and synthetic turf systems and can be integrated into both new and existing sports facilities with ease.



ATION





Download the free SmarTracks Run app to your smartphone.

SMARTRACKS TIMING GATES

The SmarTracks timing gates are entirely maintenance-free magnetic timing gates made of permanent magnets that are permanently and securely installed in the ground. Unlike other systems, no expensive preparations, developments or conversions are needed for the performance diagnostics.

WEARABLE SENSOR AND SMARTRACKS DIAGNOSTICS SOFTWARE

The SmarTracks sensor, which weighs in at just 12 g, is available for all athletes who want to train with as small a burden on them as possible at the highest possible level of precision. It can simply be worn on the body as a belt or a clip. All important parameters are recorded using the SmarTracks timing gates and displayed and evaluated clearly using the SmarTracks diagnostics software on a laptop.

SMARTPHONE AND SMARTRACKS RUN APP


The free SmarTracks Run app was developed primarily for amateur athletes who want to optimise their training using digital performance diagnostics. The smartphone is worn in a standard running belt in the lumbar area. This means the software can use the sensors present in the smartphone in an optimal manner and record all relevant parameters using the SmarTracks timing gates. The data can be evaluated and analysed directly in the app.

ONE SYSTEM – ENDLESS POSSI

SMARTRACKS SYSTEM COMPARISON

REQUIREMENT	SMAR- TRACKS	LIGHT BARRIERS
Lower cost for development and removal	■	
Weather-resistant and vandalism-proof	■	
Simultaneous measurements	■	
Low measuring tolerances	■	■
Fully automated performance diagnostics	■	■
Measurement of step length and frequency	■	
Documentation of speed, running and rest phases	■	■

BILITIES

VIDEO	GPS		
	■		
	■		
■			
	■		
■			
■	■		
■	■		

Athletics Hall of the Wilhelmsuniversität, Münster –
equipped with SmarTracks

INTERVIEW WITH TATJANA PINTO



“It’s great that SmarTracks is an invisible system and doesn’t bother me while I train. It means I can just do my training programme and I quickly get feedback about what I have achieved.”



TATJANA, WHEN DID YOU FIRST REALLY NOTICE THAT YOU COULD RUN FASTER THAN OTHER PEOPLE?

I think it was when I was in my teens and I started doing athletics.

WHAT'S YOUR GREATEST SPORTING DREAM?

My greatest dream is to run 100 metres in under 11 seconds and be in the final of the Olympics!

DO YOU RUN FASTER IN FRONT OF A CROWD?

If the mood is right then yes. It creates a great atmosphere and drives me to run faster and get the best from myself.

WHAT STADIUM WOULD YOU LIKE TO RUN IN?

I would like to run in the Olympic stadium in Athens, where it all began. That would be really exciting.

ARE THERE TRACKS YOU RUN PARTICULARLY QUICKLY ON? DOES EVEN THE COLOUR OF THE TRACK MAKE A DIFFERENCE?

For me as a sprinter it's good if the track is relatively hard and doesn't yield much. The colour of the track doesn't make a difference when it comes to sports, but it's a nice change to see other colours like blue instead of the usual red.

WHAT OTHER TYPES OF SPORT DO YOU LIKE?

I like downhill mountain biking. I've tried it a couple of times and it was really cool.

DO YOU HAVE ANY PLANS YET FOR WHAT YOU WANT TO DO "AFTER SPORTS"?

I'm studying social work and want to get into that field in the future, but you never know what the future holds so I'm not making any specific plans.



Tatjana Pinto, sprinter with LC Paderborn. Greatest successes: First place at World Relays Bahamas in 2017, European Champion in 2012 and fourth place in the Olympic games in 2016, in both cases in the relay team, German Champion in 2014, 2016 and 2018 for 60 and 100 metres.

VARIOUS APPLICATIONS FOR ATHLETICS AND TEAM SPORTS

SmarTracks by Polytan enables not only precise time measurement and performance diagnostics for classic running disciplines, but also helps to record key parameters and improve them through targeted training in the long jump and pole vault too.

In team sports like football, rugby and hockey, SmarTracks enables agility tests to be carried out in a fully automated way, for example a measurement of sprinting ability, dynamics when changing direction, ability to jump and much more. We would be happy to advise you on the selection of the most suitable setup for you in person.

PRECISE PERFORMANCE DIAGNOSTICS FROM RECREATIONAL ATHLETES TO PROFESSIONALS

SmarTracks by Polytan offers optimal training facilities for all performance classes, from school sports to popular sport and on to elite sport. Polytan SmarTracks wins out over other time recording systems such as light barriers, GPS or video evaluations thanks to the high measurement accuracy, the parallel use by several athletes, the simple and diverse application and the automated evaluation.

VISIT US ON



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