

Go digital.  
Go gold.  
Go Kistler.

## The new gold standard

Kistler unveils the new gold standard in force measurement: triple excellence, with cutting-edge digital technology, a seamless user experience, and superlative service and support.

[www.kistler.com/biomechanics](http://www.kistler.com/biomechanics)

**KISTLER**

measure. analyze. innovate.

# The new gold standard from Kistler: triple excellence

**Just imagine: one superior force measurement system that integrates best-of-market benefits across the board ... Well, that vision is now a reality, because the Kistler gold standard has arrived!**

Superlative digital sensor technology – a seamless user experience thanks to highly versatile software – and outstanding customer service with solutions tailored to your individual needs. A triple combination that paves the way to gold – and a package of benefits that will help to reduce injuries and keep athletes in top form for competition.



**“The force plate from Kistler is rated as the best on the market. We’re excited to be working with Kistler as our partner, and we’re impressed by their service.”**

**Tom Myslinski**  
Strength and Conditioning Coach,  
Jacksonville Jaguars NFL

The first cornerstone of the gold standard: technology that delivers absolute precision – the essential requirement for data that trainers use to optimize athletes’ performance. And precision is also the basis for Kistler’s standing as the global leader in dynamic measurement technology. Digitalization combined with over 50 years of Kistler’s successful experience – a winning formula that yields multiple user benefits.

## **The crystal that can win gold**

At the heart of Kistler force plates are piezoelectric quartz crystals, grown in our own special facility: rigid, robust sensor elements with high natural frequencies that offer excellent dynamic response and a wide measurement range with high resolution. They capture accurate data about movement patterns and force curves that is displayed directly on screen for immediate analysis.



# Biomechanics systems – overview

## Application fields

### Track and field

Sprint, running, long jump, high jump, pole vault, and more



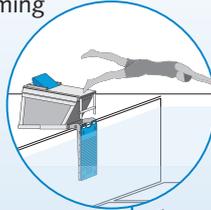
### Team sports and others

Baseball, soccer, basketball, and more



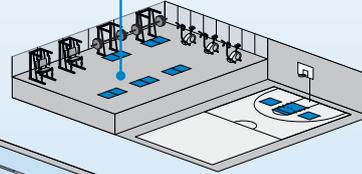
### Water sports

Swimming



### Strength and conditioning

Strength and power tests, balance and stability tests

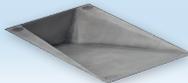


[Learn more](#)

## Highlighted products



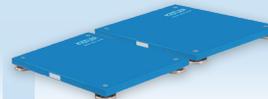
Instrumented sprint starting block



Sensor-equipped pole vault planting box



Instrumented swim starting block and turning plate



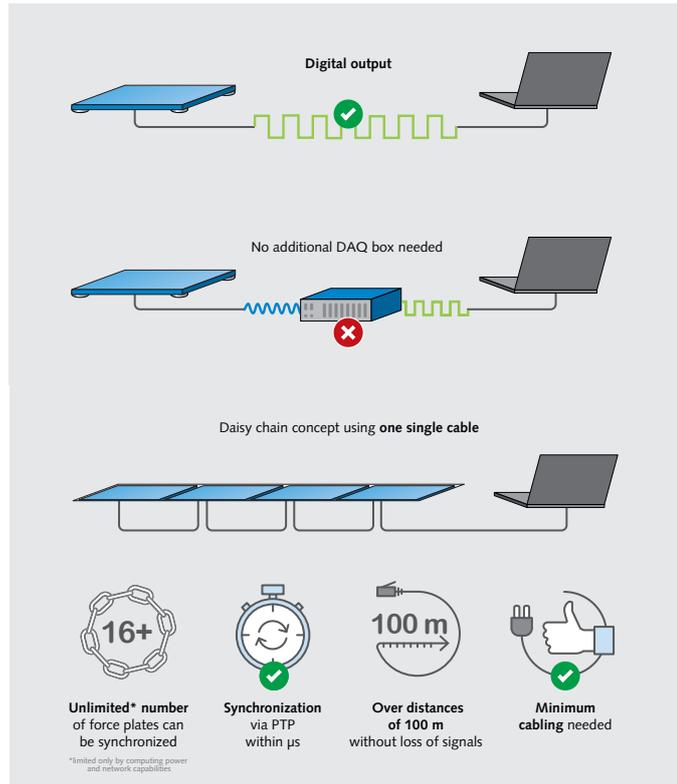
Lightweight and portable 3D force plates



Versatile force plates with high natural frequency

# Groundbreaking digital technology

## Hardware that delivers ultimate precision

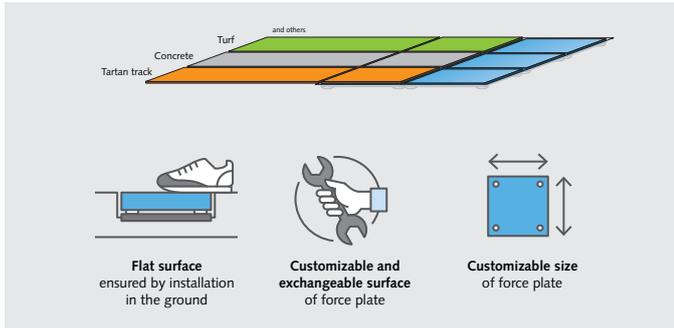


Improving a product that has convinced customers around the world for over 50 years is no small challenge – and it's not a claim we make lightly. These are the benefits you can expect when you go for Kistler's new gold standard in digital force measurement technology:

- Easier, faster setup – plug-and-play saves time and effort
- Cabling is reduced to the absolute minimum
- Up to 16 force plates in one chain (daisy-chaining concept using network cables – multiple chains can be interlinked)
- Cost of your complete measurement chain is reduced thanks to streamlined technology
- Distances of over 100 m can be covered with no data loss
- Highest standard of synchronization in the biomechanics sector: over PTP (Precision Time Protocol) within microseconds
- Digital output from each plate – no separate data acquisition box needed
- Visualizations and reports tailored to your individual needs – data exactly how you want it

# Lifelong customer service and superlative support

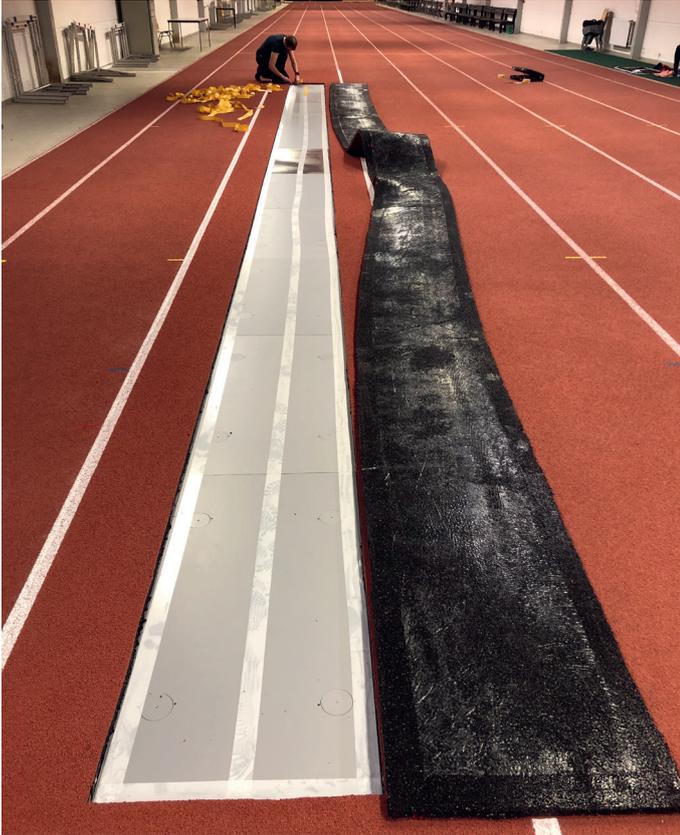
## Service and customization



Alongside high-precision technology and a seamless user experience, the gold standard includes a third, equally important cornerstone: service that customers throughout the world can rely on, and expert support to ensure that every user enjoys lifelong maximum benefits from their system. With users ranging from an Olympic sprinter to an American football team or the Swiss national ice hockey squad, we know that every force plate project presents different challenges – and that's why Kistler sets out to be a genuine, trusted partner to each and every one of its customers across the globe.



We believe that partnership means lifelong service and support: we customize each system to match your specific situation, we install it so you don't have to worry about the technical details or engage external technicians, we offer education on using your force plate and we provide training courses on our software.



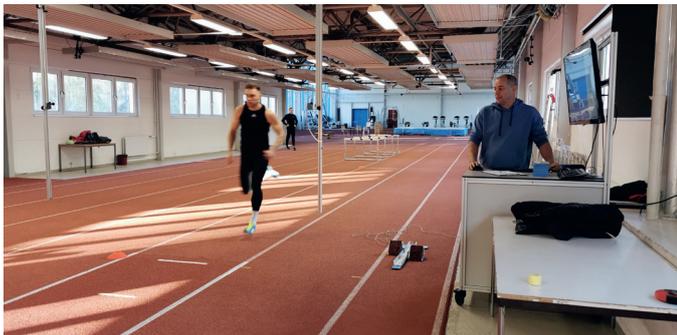
We will even adapt or exchange the flooring to prevent any distortion of the measured values. Tartan track, concrete or turf are just some of the options available – and of course, the dimensions of your force plate can be tailored to your needs as well. Our aim is simple: we want you to enjoy a totally carefree user experience throughout your product's lifetime – and beyond.



# Go for gold – today!

Customers such as the Kienbaum Sports Centre or the Australian Institute of Sport come to us with large-scale projects because they know we have the expertise, capacity and experience to respond flexibly to their challenging requirements.

But no matter how large or small your project is, we believe that one factor overrides all others: and that factor is trust. We are proud to list just a few of the customers who have placed their trust in us for many years:



**Do you still have questions about your specific project?**

Contact us right now for a consultation – with no obligation.

[www.kistler.com/biomechanics](http://www.kistler.com/biomechanics)

# At our customers' service across the globe

Thanks to Kistler's global sales and service network, we are always close to our customers. Some 2,200 employees at more than 60 locations are dedicated to the development of new measurement solutions, and they offer customized on-site support for individual applications.



## Kistler Group

Eulachstrasse 22  
8408 Winterthur  
Switzerland  
Tel. +41 52 224 11 11

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