



CONTABAT
PERFORM SMARTER

Real-Time Sports Analytics System for Cricket Players

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Wirelessly connect Contabat™ to your favorite device



ContaApp™ gives players immediate access to hitting metrics and records shots for review by coaches, experts, and fans.



Kamran Akmal
International Cricket Champion
Contabat™ Supporter

The distance a shot travels is directly correlated to the force that is transmitted to the ball through contact with the bat. Giving players the ability to understand their shot force data is key to improving overall hitting performance.

Removable and Lightweight

Shot Force

3-D Bat Rotation

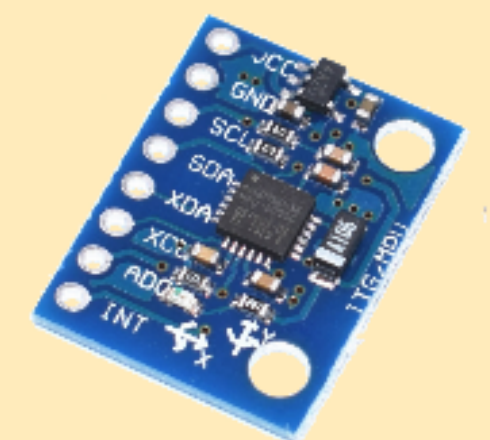
Contact Location

Device secured to bat with high-strength polymer webbing.

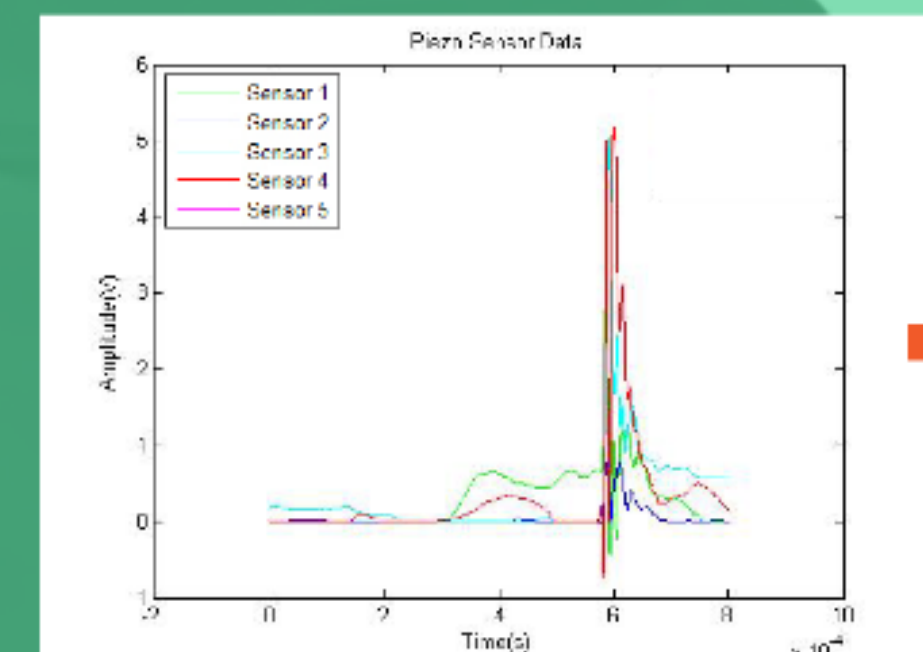
Integrated toe-guard prevents damage of bat toe when hitting.

Universal handle clamp allows device to be transferred between bats.

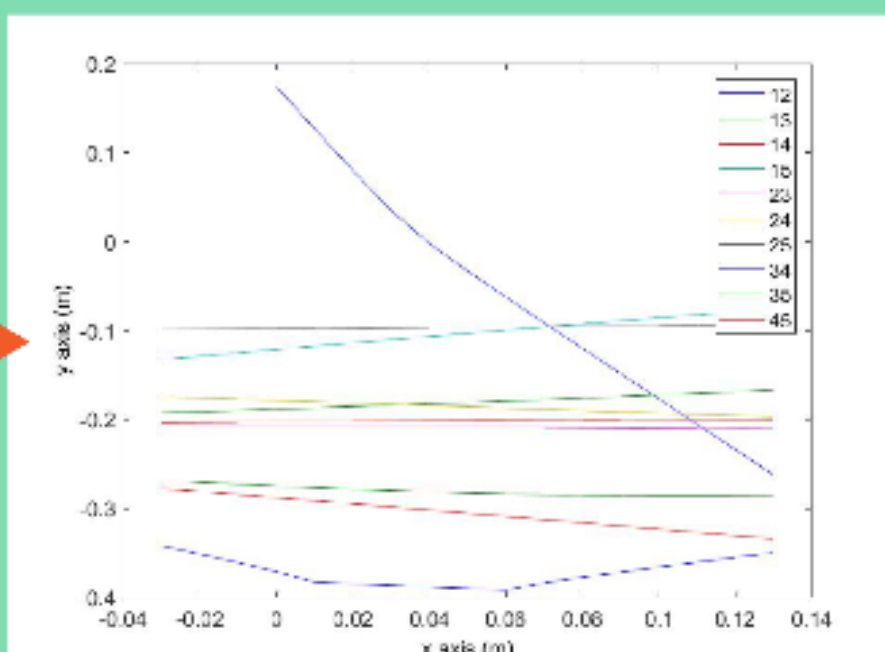
The same technology keeping drones in flight tracks each swing through the air. Future updates will find correlations between the swing profile and contact location using machine learning techniques.



6-Axis gyroscope module used to capture bat rotation.



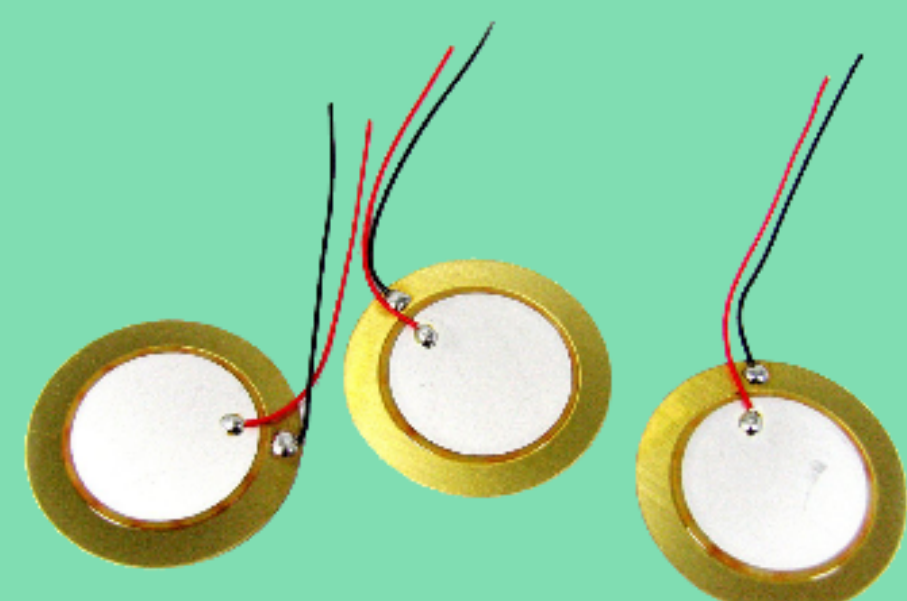
Impact data conditioned and pre-processed using Hilbert transform.



The positioning algorithm is used in satellite-based GPS systems.

Time Difference of Arrival algorithms determine where balls impact the bat. With this data, players can tune their shots to the bat's sweet spot.

Sensors utilized by sonar systems pinpoint the bat-to-ball impact location using Time Difference of Arrival techniques.



Piezoelectric Disk Elements capture impact vibrations.