

INNOVATION

K-POWER

THE 4TH DIMENSION OF BIOMECHANICS

WEIGHT

DOCK : 4.23 oz
TRACKER : 1.06 oz

DIMENSIONS

DOCK DIAMETER
2.52 × 1.69 in
TRACKER DIAMETER
1.93 × 0.79 in



WIRELESS RANGE

Up to 40 yards

ACQUISITION FREQUENCY

Up to 800 Hz



MAXIMUM ACCELERATION

+/-16 g



TIME-BASED PRECISION

K-Power captures high-frequency distance and velocity data to deliver real-time, accurate power outputs and spatial-temporal insights—no extrapolation needed.



COMPREHENSIVE MOVEMENT ANALYSIS

Horizontal analysis: Track force-velocity during sprints, jumps, and walking – bringing lab-level insights to the field.

Vertical analysis: Measure barbell speed and power in real time to fine-tune load and maximize strength gains.



VERSATILE REAL-WORLD APPLICATION

Includes 80+ pre-integrated, cable-free exercises, allowing total freedom of movement. Ideal for a wide range of activities: sprinting, jumping, team sports, or even everyday walking.

www.kinvent.com

WHY CHOOSE K-POWER?



01.

WIRELESS & LIGHTWEIGHT

K-Power is ultra-light and fully wireless, giving athletes complete freedom of movement in any environment.

02.

INDOOR & OUTDOOR USE

K-Power works seamlessly outdoors and indoors, even in limited spaces like gyms or sports halls.

03.

HIGH-PRECISION TRACKING

Powered by UWB technology, K-Power offers ultra-precise tracking with minimal drift—delivering lab-level accuracy in real-world conditions.

04.

VERSATILE APPLICATIONS

From strength and conditioning to rehab and high-performance sport, K-Power adapts to a wide range of needs and disciplines.

05.

REAL-TIME FEEDBACK

Captures data up to 800 Hz, ensuring that every movement is recorded with remarkable accuracy.

06.

ADVANCED TECHNOLOGY

Combines high-precision IMU sensors with Kinvent's low-latency wireless tech and AI-powered Cassandra for real-time, actionable insights



KINVENT
MEASURE. MOVE. PROGRESS.

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