



At Niagara Pitching Performance, we use Rapsodo to conduct analysis on both pitchers and hitters. Coach Cunningham is certified by Rapsodo in both pitching and hitting and utilizes this tool to assist your player in developing the tools necessary for advancement.

The Rapsodo Pro 2.0 is a powerhouse tool for pitching development—essentially a mobile pitch tracking system that combines high-speed cameras with radar to give you detailed insights into every throw. Here's what it brings to the table for pitchers:

Pitch Tracking & Metrics

It captures a ton of data in real time, including:

- Velocity (release and plate)
- Spin Rate & Spin Axis
- Spin Efficiency
- Release Height & Release Side
- Vertical & Horizontal Break
- Extension (how far out front you're releasing)
- Strike Zone Analysis (where each pitch lands)

Video with Data Overlay

It gives slow-motion video synced with the metrics, so you can see your mechanics and pitch flight with the data right there on screen. That makes it easy to correlate mechanics with results.

Pitch Design

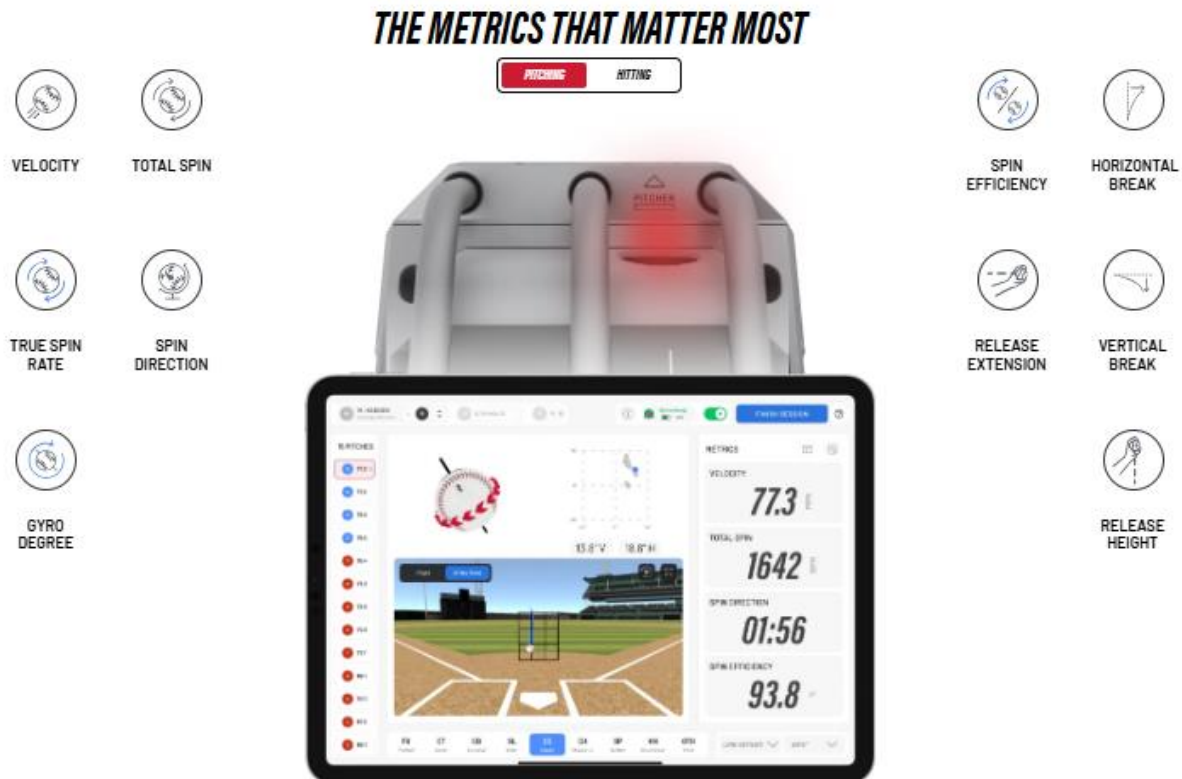
Using all that data, you can:

- Fine-tune grips to increase movement or deception
- Identify which pitches tunnel well together
- Develop new pitches based on movement profiles
- Optimize release points for consistency

Progress Tracking

Over time, you can monitor improvements in:

- Velocity gains
- Consistency in release
- Command within the strike zone
- Breaking ball development



The Rapsodo Pro 2.0 isn't just a pitcher's tool—it's a game-changer for hitters too, turning the cage into a data-rich environment where swing mechanics and outcomes can be measured and optimized in real time. Here's what it brings to hitting development:

Comprehensive Hitting Metrics

It captures all the key data points that matter for evaluating and improving your swing:

- Exit Velocity
- Launch Angle
- Distance
- Spin Rate
- Spin Direction
- Hit Trajectory Type (line drive, fly ball, etc.)
- Contact Point (where the bat met the ball)
- Direction (pull, center, oppo)

Video with Data Overlay

Every swing is recorded in high-speed video, with data overlaid instantly. This lets hitters and coaches see the swing in motion while simultaneously analyzing what actually happened with the ball. You can:

- Break down mechanics frame by frame
- Sync feel vs. real outcomes
- Compare swing adjustments across sessions

Swing Optimization & Bat Path Efficiency

By combining the visual with the metrics, you can:

- Work on launch angle optimization
- Match exit velocity with ideal swing paths

- Tweak timing, attack angle, or barrel control
- Test swing changes in real time

Perfect for building a data-driven approach to hitting, especially when combined with bat sensors (Blast, Diamond Kinetics, etc.).

Performance Tracking & Progression

Track and analyze improvement over time with cloud-based session history:

- Measure progress in exit velocity and consistency
- See how changes in swing mechanics affect launch and spin
- Build profiles on individual hitters for scouting, recruiting, or development

