



Parameter name	Parameter definition	How to derive parameters	WAVE Radar Parameters	WAVE Puff Parameters
the number of parameters			26	8
Club Speed	The speed of the club immediately after impact	measurement	○	○
Attack Angle (Angle of Attack)	The direction the club head moves at impact (up or down)	measurement	○	
Club Path	The direction the club face moves at impact	measurement	○	
Dynamic Loft	The amount of loft that appears on the club face at impact	calculation	○	
Face Angle (Face to Target)	The direction the clubface is pointing at the moment of impact	calculation	○	
Spin Loft	Dynamic Loft - Attack Angle	calculation	○	
Face To Path	Difference between face angle and club pass (based on whether a closed or open hit)	calculation	○	
Ball Speed	The speed of the ball immediately after impact	measurement	○	○
Smash Factor (Impact Ratio)	Ball speed / Swing Speed	calculation	○	○
Launch Angle (Vertical Launch Angle)	The angle at which the ball flies off the ground after impact	measurement	○	
Launch Direction (Horizontal Launch Angle)	direction of the ball	measurement	○	○
Spin Rate (Total Spin)	The amount of rotation of the ball after impact (RPM)	calculation	○	
Spin Axis	the angle of the axis of rotation of the ball	calculation	○	
Back Spin	Calculation of vertical rotation by analyzing Spin Rate and Spin Axis	calculation	○	
Side Spin	Calculation of horizontal rotation by analyzing Spin Rate and Spin Axis	calculation	○	
Height (Apex)	Maximum height from the ground when flying the ball	calculation	○	
Carry (carry distance)	Distance from the ball flying in the air to landing	calculation	○	
Total (total Distance)	The combined distance of carry and run	calculation	○	○
Roll (Run)	Rolled distance (Run)	calculation	○	
Lateral Landing (DeviationDist)	The distance the ball lands on the side of the target line.	calculation	○	
Land Angle (Vertical Descent Angle)	The angle at which the ball approaches the landing area	calculation	○	
Hang Time (Flight Time)	Flight time from ball departure to fall	calculation	○	
Backward Swing Speed	Backward Swing Speed	measurement		○
Putting Total Time	Measurement of the time from the point of the backswing to the point of impact	measurement		○
Tempo	Club speed / Backward Swing Speed	calculation		○
Swing Plane (Vertical Swing Plane)	Club head movement trajectory angle (rear measurement)	measurement	○	
Swing Direction (Horizontal Swing Plane)	Club head movement trajectory angle (side measurement)	measurement	○	
Curve (CurveDist)	Lower the vertical line from the place where you landed in the firing direction and measure the vertical line.	calculation	○	
Shot Type	(Straight 1 Fade 2 Draw 3 Push 4 Pull 5 Slice 6 Hook)	calculation	○	

JS.Youn Device Connected

TOP
SIDE
45

Driver #12 Carry AVG : 123 Yard
Speed AVG : 123 Mph

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SIDE
45

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Visual Wood3 Club Spin

Fase To Path (deg)
Square(-0.2)

Path (deg)
IN to IN (0.2)

Carry (Yds) 213	Club Speed (Mph) 123	Ball Speed (Mph) 114	Launch V (°) 60	Spin (rpm) 123	Smash (-) 142	Height (') 10
Flight Time (s)	AoA (°)	Spin Loft (°)	Launch H (°)	Spin Axis (°)	Roll (Yds)	Total (Yds)

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