

Golf Club Swing Accuracy Wireless Telemetry System

Industry: IoT

Summary

Customer Challenge

A golfer wants a system that will monitor and record their striking accuracy and swing movement. They would like a wireless system so cables do not get tangled during the swing.

Interface Solution

Interface can create a custom made SSB Sealed Beam Load Cell that can be attached in line with the golf handle. When a golf ball is struck, force measurements are recorded, logged, and graphed using the WTS-AM-1E Wireless Strain Bridge Transmitter. The results will transmit directly to the WTS-BS-6 Wireless Telemetry Dongle Base Station when connected to the customer's PC or laptop.

Results

The customer was able to successfully record, graph, and log a golf player's striking accuracy and swing movement with Interface's wireless force system.

Materials

- SSB Sealed Beam Load Cell
- WTS-AM-1E Wireless Strain Bridge Transmitter Module
- WTS-BS-6 Wireless Telemetry Dongle Base Station
- WTS-BS-1 Handheld Display
- Customer PC or Laptop

How It Works

1. The SSB Sealed Beam Load Cell is installed in-line with the gold club handle. When a player strikes a golf ball, the SSB will also be struck.
2. The SSB is connected to the WTS-AM-1E Wireless Strain Bridge Transmitter where force results are collected.
3. It is then transmitted to the WTS-BS-6 Wireless Telemetry Dongle Base Station where the results are recorded, graphed, and logged when connected to the customer's PC or laptop. The customer also has the option to have the results displayed to the WTS-BS-1 Handheld Display.

