YOUR GOLF RE-ENGINEERED
QED is where passion meets precision. Advanced mathematics mingle with hyper-precise sensors - capturing crystal clear moments in time. High-speed photos of your club and ball spin recite every aspect of your swing. Enhanced graphics reveal a vivid world in the finest detail.

Contact:
For any inquiries on QED products, please email:
sales@uneekor.com
WHAT IS QED?

QED is an initialism of the Latin phrase "quod erat demonstrandum" meaning "what is proven or demonstrated."

Golf Simulation with Cutting Edge Technology

• Provides authentic swing experience to enhance performance
• Verified data results in productive practice and accurate fitting
• Multiple practice modes for endless entertainment

Any Golfer Can Unlock Confidence in Every Swing

• Shot skills and training > Driving Range and Complex
• Accurate fitting > Precise Photometric Data
• Course management and prep for round > Stroke Play Mode
  > Course Practice Mode
Unparalleled Accuracy of Cutting-edge Hyper Speed Cameras

Quality Device Hardware

Key to effective practice is accuracy of shot

Precise reading of ball spin is critical to provide trustworthy data

Hyper Speed Cameras

Equipped with (2) Ultra High Speed Cameras, (≥3000 fps each) we provide real-time footage of ball spin, club path and true impact

*Ball spin 3837 rpm
*Club speed 87 mph
WHAT TO DO WITH ACCURATE DATA?

Delivering the right data to drive continuous self-improvement

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>261.5 yd</td>
</tr>
<tr>
<td>Carry</td>
<td>247.9 yd</td>
</tr>
<tr>
<td>Run</td>
<td>13.1 yd</td>
</tr>
<tr>
<td>Ball Speed</td>
<td>154.1 mph</td>
</tr>
<tr>
<td>Club Speed</td>
<td>107.1 mph</td>
</tr>
<tr>
<td>Smash Factor</td>
<td>1.44</td>
</tr>
<tr>
<td>Launching Ang.</td>
<td>11.7 deg</td>
</tr>
<tr>
<td>Flight Time</td>
<td>7.6 sec</td>
</tr>
<tr>
<td>Side</td>
<td>9 yd</td>
</tr>
<tr>
<td>Side Total</td>
<td>9.5 yd</td>
</tr>
<tr>
<td>Face Ang.</td>
<td>close1.1 deg</td>
</tr>
<tr>
<td>Club Path</td>
<td>inout0.4 deg</td>
</tr>
<tr>
<td>Face to Path</td>
<td>close1.5</td>
</tr>
<tr>
<td>Side Ang.</td>
<td>R 1.0 deg</td>
</tr>
<tr>
<td>Apex</td>
<td>101.5 ft</td>
</tr>
<tr>
<td>Dist. to Ang.</td>
<td>168.4 yd</td>
</tr>
<tr>
<td>Land. Ang.</td>
<td>39.3 deg</td>
</tr>
<tr>
<td>Back Spin</td>
<td>3222 rpm</td>
</tr>
<tr>
<td>Side Spin</td>
<td>275 rpm</td>
</tr>
<tr>
<td>Spin Rate</td>
<td>3233.7 rpm</td>
</tr>
<tr>
<td>Spin Axis</td>
<td>4.9 deg</td>
</tr>
</tbody>
</table>

Not just data dumping → Curriculum and software that improves golf skills and performance
WHY QED? - T. Technology

QED OPTIX: Validated Photographic Technology
WHY QED? - D. Design

(1) Unrivaled Graphic Quality and User Friendly Interface
WHY QED? - D. Design

(2) Unrivaled Graphic Quality and User Friendly Interface

MODE

Stroke play

Course practice

Driving range
WHY QED? - D. Design

(3) Unrivaled Graphic Quality and User Friendly Interface

SELECT COURSE TO PRACTICE

- The Ocean C.C
- Moon Bay C.C
- Mountain Creek
- Pine Hills C.C
- Jade Oak C.C
- Green Leaf
- Horse Shoe
- Black Canyon
- Hill Creek
## Hardware

### QED BAR
- Ceiling-mount installation
- Dual high-speed camera system
- Embedded with QED Ignite

## Software Upgrades

### QED Ignite
- QED OPTIX: Validated Photographic Technology providing actual club impact and ball spin videos of each shot
- Fitting data
- 3D Driving range
- Swing Motion Analysis Tool (*option to purchase (2) add on cameras)

### QED Refine
- QED OPTIX: Validated Photographic Technology providing actual club impact and ball spin videos of each shot
- Fitting data
- 3D Driving range
- Swing Motion Analysis Tool (*option to purchase (2) add on cameras)
- Stroke Play: Total 5, 18-hole golf courses for up to 6 players
- Course Practice: On course practice mode for an individual player
- Driving Range: Lake Range & Targeting Range
- Short Game Training: Approach & Putting

### QED Succeed
- QED OPTIX: Validated Photographic Technology providing actual club impact and ball spin videos of each shot
- Fitting data
- 3D Driving range
- Swing Motion Analysis Tool (*option to purchase (2) add on cameras)
- Course Practice: On course practice mode for an individual player
- Driving Range: Lake Range & Targeting Range
- Short Game Training: Approach & Putting
- Stroke Play: Total 20, 18-hole golf courses for up to 6 players

* The Uneekor hardware and software program offerings and product specifications are subject to change without prior notice. Please contact us for more details.
**Details**

### Bar Specifications

#### Specifications

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compositions (Components)</td>
<td></td>
</tr>
<tr>
<td>Hyper Speed Cameras</td>
<td>≥ 3000 fps each</td>
</tr>
<tr>
<td>Infrared LED Board</td>
<td>2</td>
</tr>
<tr>
<td>Control Board</td>
<td>1</td>
</tr>
<tr>
<td>Data Interface</td>
<td>Ethernet</td>
</tr>
<tr>
<td>Communication Speed</td>
<td>1Gbps</td>
</tr>
</tbody>
</table>

**Features**

- Equipped with (2) Hyper Speed Cameras ≥ 3000 fps, which also produce a stereoscopic effect
- Directly reads both ball and club thru sensors
- Superior accuracy to equivalent sensor technology on the market
  (Conducted comparison test with GCQuad, Trackman, and About Golf sensors)
- Provides real-time footage of club and ball at impact
- Swing freely with ceiling mount implementation

**Ideal Space Requirements**

- Swing area = 13’ diameter with player in the center
- Ceiling height = 10’
- Player’s distance from hitting screen = 12’ or more

Note: More details on the optimal position for QED Bar and lighting could be provided upon request.

**PC Requirements**

<table>
<thead>
<tr>
<th>PC</th>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Intel i5 8400 or higher, AMD not compatible</td>
</tr>
<tr>
<td>RAM</td>
<td>8GB</td>
</tr>
<tr>
<td>Graphics</td>
<td>GeForce GTX 1060</td>
</tr>
<tr>
<td>OS</td>
<td>Windows 10 (64bit)</td>
</tr>
<tr>
<td>Resolution</td>
<td>Full HD</td>
</tr>
</tbody>
</table>

**Compositions (Components)**

- Hyper Speed Cameras: ≥ 3000 fps each
- Infrared LED Board: 2
- Control Board: 1

**Measurement Range**

- Ball Speed: Putter: 0.1 m/s ~ 30 m/s
  Driver/Iron: 5 m/s ~ 100 m/s
- Sensing Angle: Driver: -5 ~ 50 degree
  Iron: 0.1 ~ 80 degree

**Spin**

- Top Spin 12,000 ~ Back Spin 12,000

**Communication Speed**

- Ethernet: 1Gbps
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