



# INTERACTIVE ELECTRONIC TARGET SQ10



## THE PRODUCT

SQ10 is an Interactive Electronic Target for Sport Shooting at 10 metres with air pistols and rifles. The target is easy to install - just "plug and shoot" - and very economical, requiring few consumables. It is suitable for every type of user:

- ▶ Pistol or rifle shooters
- ▶ Beginners, recreational shooters or competitors
- ▶ Clubs and individuals



Easy to use



Real pellets



Scalable



Real-time display



Wireless

From a tablet, you choose the image displayed on your target, and control your training sessions with a few clicks.

## THE CHARACTERISTICS OF THE TARGET

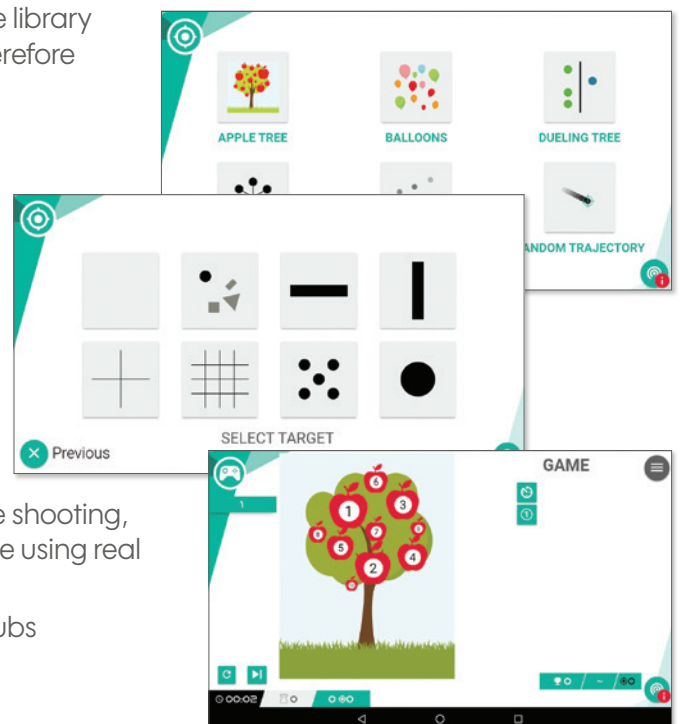
- Interactive target with a transparent polycarbonate plate and a high luminosity display (1,600 lux)
- For air rifles and air pistols up to 7.5 joules (Olympic discipline)
- Distance simulator for home shooting
- Affordable and easily interchangeable top plate for greater durability
- Pellet recovery
- Communication via WiFi or Ethernet with SynQro



## THE FEATURES

Sport Quantum has developed the only technology that provides a single target for all Sport Shooting activities: training, leisure or competition, whether you are a pistol or a rifle shooter.

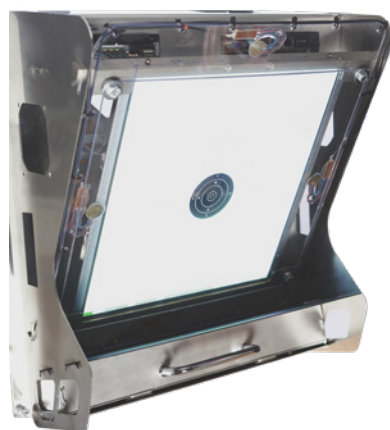
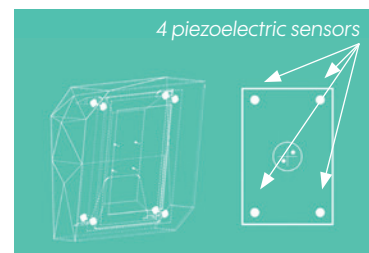
- ▶ Thanks to the SQ10 target, you will be able to practise on a large library of training targets with progressive levels of difficulty. You will therefore be able to improve your technical skills in a specific manner.
- ▶ A range of fun activities to combine training with entertainment (moving targets, games, duelling tree).
- ▶ Standard Shooting discipline (5 shots in 10 seconds, "3 / 7") to practise accuracy and speed simultaneously.
- ▶ The main Olympic Sport Shooting disciplines to prepare for or organise competitions.
- ▶ The possibility to obtain your scores, shooting times, grouping and progress in real time on the tablet and, as an option, on the target.
- ▶ The possibility to select your shooting conditions, the target's brightness, colour and style, and to simulate distances for home shooting, church hall, scout hut or sports centre (from 6 to 14 metres), while using real pellets.
- ▶ A target that is easy to install and economical to use, both for clubs and individuals.



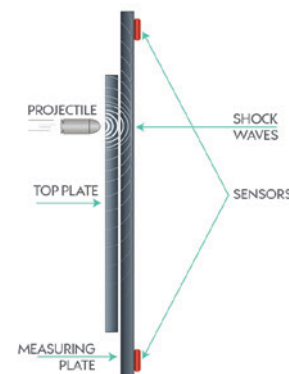
## THE TECHNOLOGY

Sport Quantum and CEA List researchers have developed a highly accurate technology that locates an impact in real time with a level of accuracy of more than 100 µm.

- ▶ Piezoelectric sensors measure the shock waves generated by a projectile on a surface and pinpoint the location of the impact



- ▶ The target's image is generated by an application and displayed on a screen; it thereby adapts to the needs and expectations of a Sport Shooter
- ▶ The measuring plate is protected by a polycarbonate top plate that is easy and inexpensive to replace
- ▶ The results are immediately visible on the tablet situated by the shooter and wirelessly connected to the SQ10 target



- ▶ 6 international patents have been filed by the Sport Quantum and CEA List teams to validate and protect this state-of-the-art technology

## THE DATA SHEET

The Interactive Electronic Target, SQ10, contains unique technology to provide a number of unique features.

### 1 MEASURE YOUR PROGRESS

- Calculation of scores in real time to 1/10th of a point (accuracy of more than 100 microns)
- Display of the series and of the timing of the shots
- Calculation of the grouping and of the spread
- Corrections shown in mm
- Printing of targets in PDF format

### 2 PRACTICAL

- Change the targets display immediately and conveniently from the tablet
- Pellet recovery tray
- Recommended lifetime of the top plate:
  - 10.000 rifle shots
  - 50.000 pistol shots

### 3 BRIGHTNESS

- Adjustable light intensity
- ISSF-compliant lighting (1.600 lux)

### 4 LA PUISSANCE

- Maximum recommended power of the air rifle or air pistol used - 7.5 joules
- Maximum permissible power of the air rifle or air pistol used - 9 joules

### 5 DISTANCES

- Simulated distance - from 6 to 14 metres
- 10m rifle target, precision shooting
- 10m pistol target, precision shooting
- 10m pistol target, standard shooting

### 6 THE VARIOUS MODES

- Training targets: Exercises, Precision exercises, Contracts, Precision shooting
- Fun targets: Games (Apple tree, Balls, Wheel, etc.), Dueling Tree, Moving targets, etc.
- Challenge mode: various ISSF disciplines

### 7 THE CONNEXION

- Wireless connection - WiFi-connected tablet (preloaded and included with system)

### 8 INSTALLATION DATA

- Targets powered using a 220V socket
- Dimensions: 508 x 470 x 310mm
- Weight: 12 kg
- The target is mounted on a wall-fixing bracket (supplied)

### 9 THE OPTIONS

- Larger control tablet (10 inches instead of 8)
- Base for the target
- Secure adjustable holder for the tablet
- Supervisor's station for the management of competitions and training sessions (SynQro)

### 10 INCLUDED WITH THE PRODUCT:

- The SQ10 Interactive Target
- The Control Tablet (Android)
- The FeedbaQ App
- The wall-fixing bracket to mount SQ10

2-YEAR WARRANTY

[www.sportquantum.com](http://www.sportquantum.com)