

D I T E C T
Digital Image Technology

Portable Golf Analyzer
Swing Better Plesio

Golf
Swing Better



Plesio



**Impact analyzer with a high-speed camera
Clarifies all your questions about impact**

“Is this really my impact!?”



This is often the first impression of **Swing better** users, including average golfers and even expert and professional players. This is probably because the club and ball, at the moment of the impact, often behave in a way different from what the player imagined.

A measuring device that displays only numerical data may be enough to extract the essence of the impact. However, images of your impact show much more, as the proverb says, "A picture is worth a thousand words."

DIRECT is making every effort in the pursuit of "a golf analyzer that can visualize impact."

The **Swing Better Plesio** is amazing!

High-speed camera

The Swing Better Plesio uses two high-speed cameras shooting at 1,000 frames/second. Super slow video of the impact is played back immediately.

High-speed electronic flash

The Swing Better Plesio adopts a high-speed electronic flash operating at 1/20,000th of a second. It enables outdoor use with sufficient brightness under direct sunlight.

LED indicator

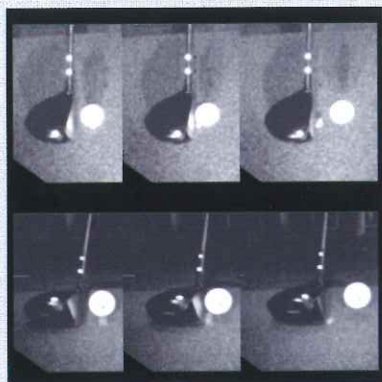
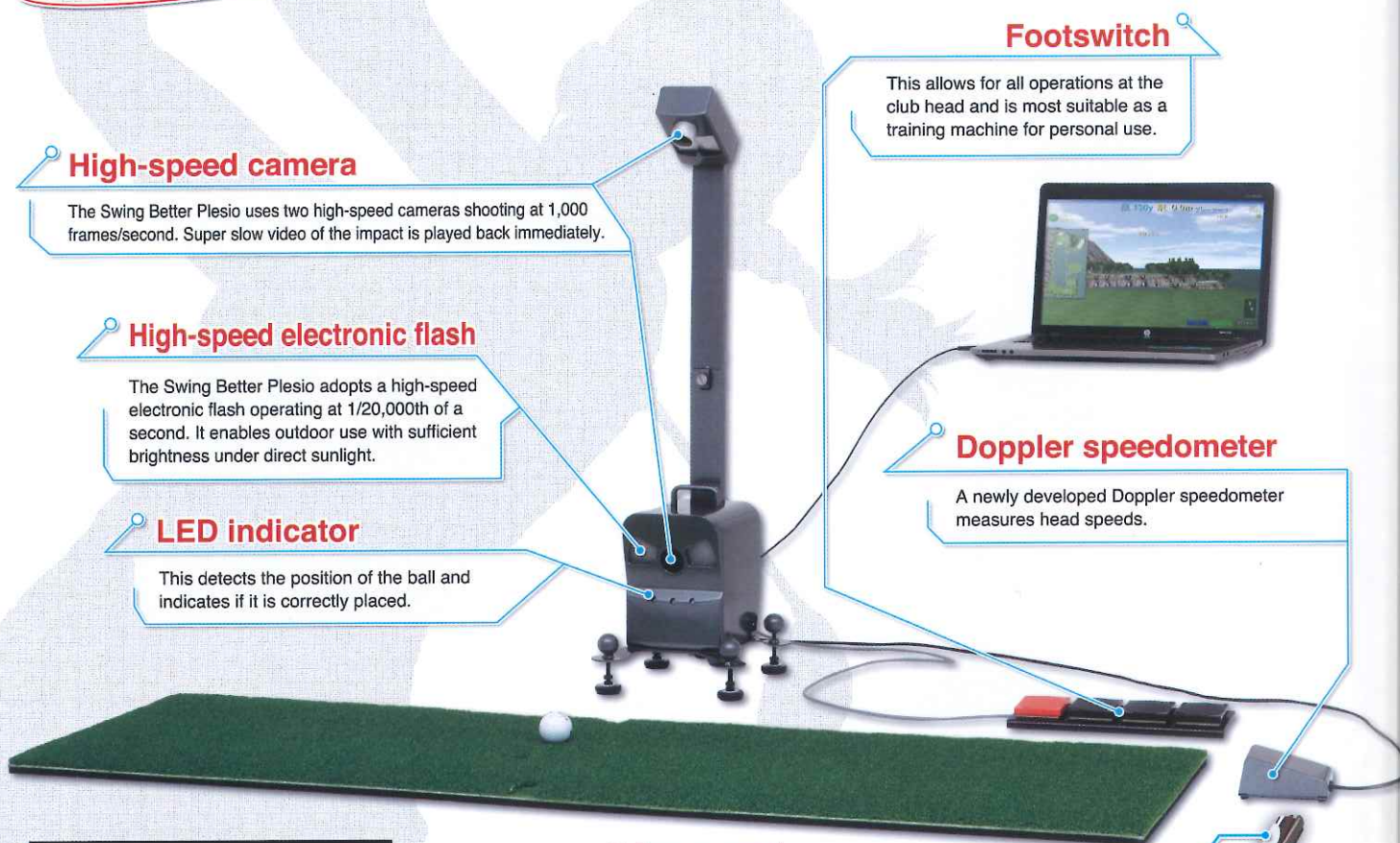
This detects the position of the ball and indicates if it is correctly placed.

Footswitch

This allows for all operations at the club head and is most suitable as a training machine for personal use.

Doppler speedometer

A newly developed Doppler speedometer measures head speeds.



Images of impact

Images are replayed as high-speed animation at 1,000 frames/second. The combination of the electronic flash and the shutter provides stable images not affected by the outside environment.

Marker

Head measurement

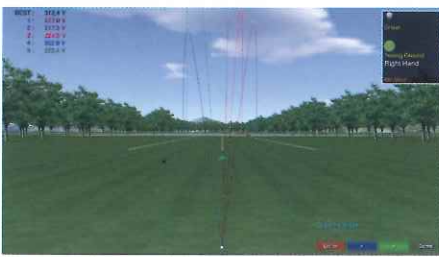
For a driver, head measurements can be made using a marker affixed to the club. The user can obtain detailed data such as club blow angle, entry path, and face angle.



Software: The user can choose practice field mode/round mode.

Practice Field Mode

Three courses are available: Driving Range, Iron Range, and Putter Range. They are most suitable for daily shot practice and golf lessons. Following the simulation screen, impact images are displayed so that the user can evaluate their shot in combination with the other data displayed.



▲Driving range



▲Putter range



▲Impact data display

Round Mode

With the 10 full-scale golf courses, the user can practice alone or play games with other players. The Retry function allows for repeated practice from the same distance to help master difficult distances and locations.



▲A course, 17th hole



▲B course, 5th hole



▲E course, 10th hole

Software option A fitting mode will be added.

Fitting mode

- This mode can be added as an option. It is recommended for more detailed analysis in a fitting room.
- Head measurement scalars and markers are separately available.

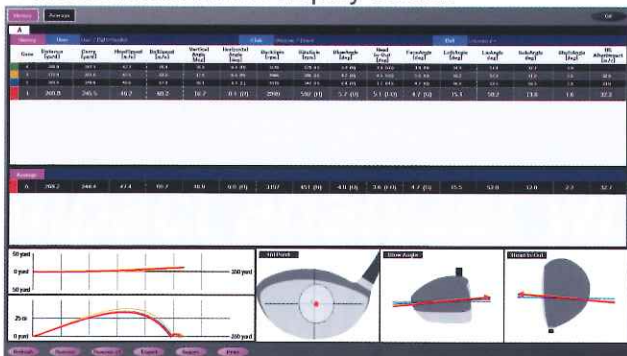
The measurement result is displayed as numerical data and club/ball paths. The data can be stored in memory to allow comparison with other clubs and balls, or for comparison between past and present data, for fitting.

For a driver, head measurements can also be made using a marker affixed to the club.

▼Head path and impact data display



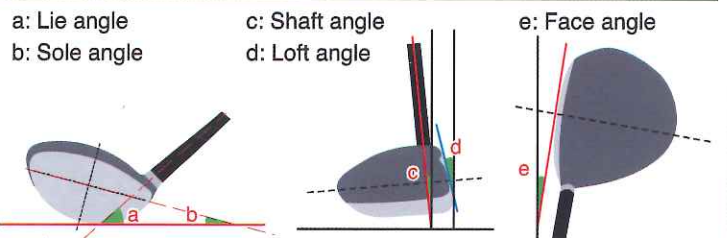
▼Measurement item display screen



▼Measurement items

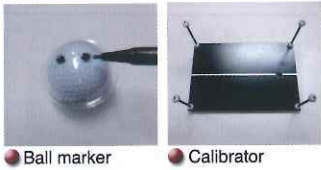
	Hit point	Blow angle	Head path
Driver			
Iron			
Putter			

▼Other measurement items



Standard components

- Plesio main unit
- USB cable
- Software CD



● Ball marker ● Calibrator



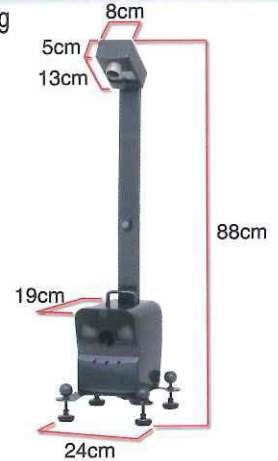
● Footswitch

● Doppler speedometer



External appearance (outer dimensions)

- Weight: Approx. 8 kg
- Height: 88 cm
- Width: 24 cm
- Depth: 19 cm



- When the main body is folded



Options

Hardware

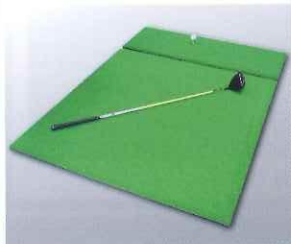
With the various optional devices, the user can build large-scale facilities for many purposes, including personal practice, full-scale lessons, and club shaft fitting.



● Laptop or desktop computer



● Projector



● Stance mat



● Screen



● Golf cage

Software

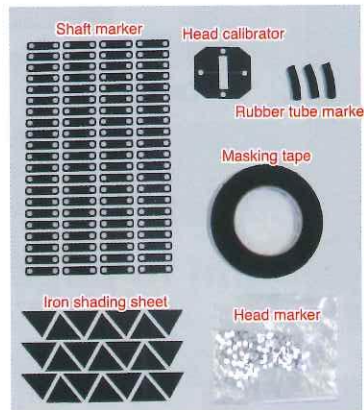


Form analyzer

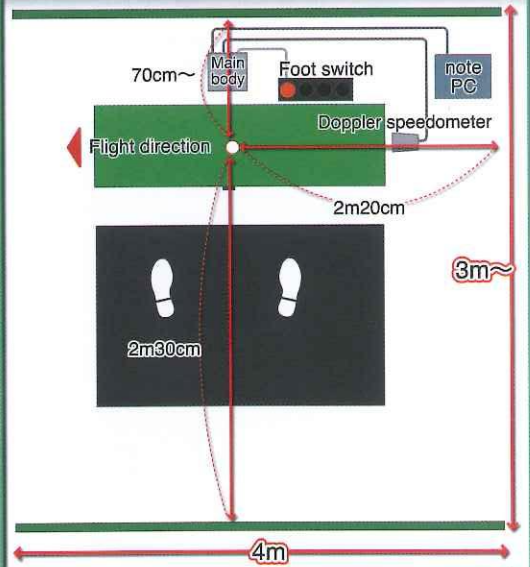
Two types of form analyzers are available and can be linked to Plesio. Swing Better Perform analyzes your form using a computer and two cameras (100 frames/second). Swing Better FS is a computer-less analyzer that uses two cameras (60 frames/second). Both analyzers provide high-precision images that clearly show details up to the shaft and head tip.

Fitting software

If the fitting mode is purchased, the following seals and markings will be attached. Using these seals, the user can make various measurements using the full range of drivers with putters.



Layout



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