

Tachus 25 ETS

Acoustic scoring for 25 m sports pistol and standard pistol.

The 25 m pistol events turn on timing and repeatable technique. The Tachus 25 ETS scores them electronically: within a fraction of a second of impact, the shot appears on the screen at the firing point with its decimal value, the direction of the error and the time it was taken.

The red and green range lights are driven by the same software, so the shot sequence and the scoring run from one computer. The system was developed over three years of research with input from national and international shooters, and is designed and built in India.



Tachus 25 ETS units on a covered 25 m target line

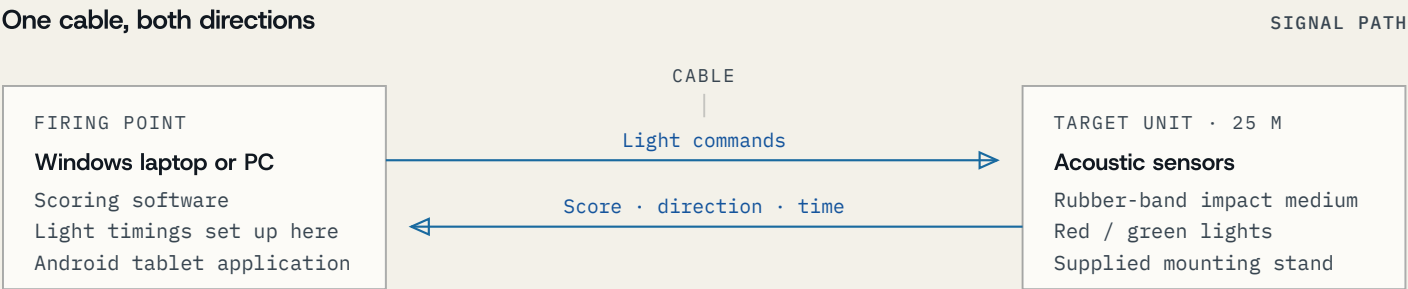
Fig. 01

EVENTS	DETECTION	RANGE CONTROL	WARRANTY
25 m sports pistol 25 m standard pistol	Acoustic sensors Rubber-band medium	Red / green lights Software driven	2 years Extendable to 8

Twenty-five metres, scored where you stand.

Paper scoring at 25 m costs a walk downrange and a plug gauge for every shot worth arguing about, and the range lights are usually somebody's separate job. The Tachus 25 ETS removes both. Squad turn-around is set by the shooters rather than by the scoring, and every shot is recorded with its value and its time as it happens.

01 The shot The bullet passes through a rubber-band impact medium engineered for 25 m pistol ammunition.	02 The sound The impact produces sound waves inside the unit.	03 The reading Acoustic sensors pick up the waves. The system converts the sensor data into electrical signals and calculates the shot position.	04 The result Score, placement, direction and shot time appear on the connected display within a fraction of a second.
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Why ranges choose it

Results at the firing point

Placement and decimal score appear on the screen beside the shooter. Nobody walks downrange, nobody reaches for a plug gauge, and there is no scorecard to reconcile afterwards.

Lights and scoring on one system

Red and green illumination is configured and driven by the software that scores the session, so a timed event does not need a separate range-light controller.

Numbers a coach can work with

Inner-10 count, mean point of impact and group size are on screen for every series, next to the time taken for each shot. Sessions export to PDF.

Who it suits Academies training 25 m sports and standard pistol · Ranges upgrading 25 m lanes from paper to electronic scoring · Institutions running pistol training programmes · Club and academy competitions

Every shot, with its number, its value and its time.

Each unit connects by cable to a Windows laptop or PC at the firing point. For every shot the software records the shot number, the decimal score, the direction of the error and the time it was taken. Inner-10 count, MPI and group are shown for the series and for the match, and the target view supports pinch zoom for a closer look at the group. Sessions export to PDF.

Green and red illumination timings are set up in the same practice software, so one operator runs the sequence and the scoring together. Every system also includes an Android application optimized for tablets in portrait orientation.



A unit downrange on a walled 25 m lane

Fig. 03

Specifications

DISTANCE	25 m
EVENTS	Sports pistol, standard pistol (compliant with ISSF rules and regulations)
DETECTION	Acoustic sensors with rubber-band impact medium
SCORE DISPLAY	Decimal scores with direction, within a fraction of a second
ON SCREEN	Shot number, score, direction and time; inner-10 count, MPI and group; series and match totals; pinch zoom
RANGE CONTROL	Software-controlled red/green traffic lights; illumination timings set in the practice software
REPORTS	Series and match totals; PDF export

CONNECTION	Cable to a Windows laptop or PC at the firing point
APPLICATIONS	Windows scoring software; Android tablet application (portrait orientation)
MOUNTING	Stand supplied with the system
CONSUMABLE	Rubber impact bands, replaced as they wear
INSTALLATION	On-site installation and service provided by Tachus
WARRANTY	2 years, extendable up to 8 years
AFTER-SALES	Maintenance, hardware and software installation and updates. Monday to Friday, 11:00 AM to 7:00 PM

Next step Ask for a quotation, or tell us about the 25 m line you are planning.

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Also in the range: Tachus 10 · 10 m air rifle and air pistol / Tachus 50 · 50 m small-bore rifle and free pistol / Tachus 50/10 Hybrid · 50 m and 10 m in one unit, converts in about ten minutes