

**SCATT**  
SHOOTING TRAINERS



HIGH PRECISION

# SHOOTING TRAINERS

Ultimate quality since 1991

PRODUCTS CATALOG

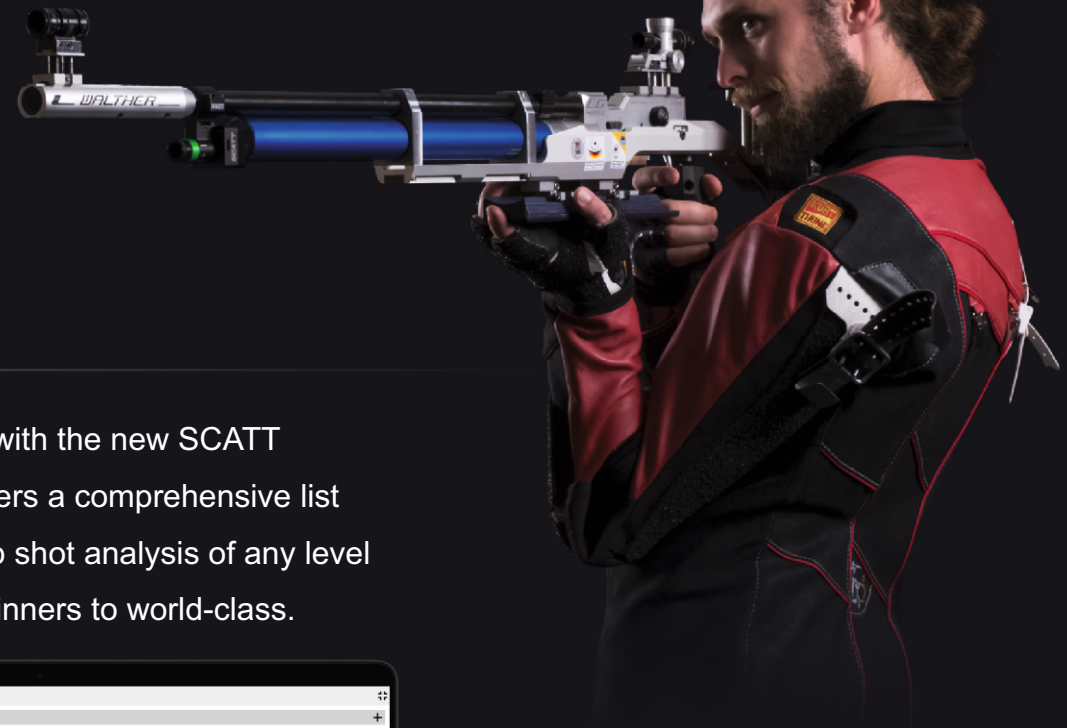
# MX-W2 shooting trainer

The most advanced and feature-rich SCATT system

The wireless optical sensor works with personal computers  
and portable devices via Wi-Fi

Can be used with most types of guns

For dry and live practice indoors and outdoors



## Specifications

Use	indoor / outdoor
Distance to the target	from 2 m. and above
Connection type	wireless (Wi-Fi)
Optical sensor dimensions:	34 x 35 x 60 mm
Optical sensor weight:	56 g.

MX-W2 combined with the new SCATT  
Expert software offers a comprehensive list  
of features for deep shot analysis of any level  
shooters, from beginners to world-class.



## Accessories

- Optical sensor SCATT MX-W2
- Iris diaphragm
- Mounting parts kit
- Optical sensor interface cable
- Software USB flash drive
- Quick setup guide

**MX-02S** — is a base model in the SCATT MX - series models lineup. This system may be used for train either in the dry fire mode or in live fire, using real ammunition. The trainer is also designed to be used both indoors and at open shooting ranges

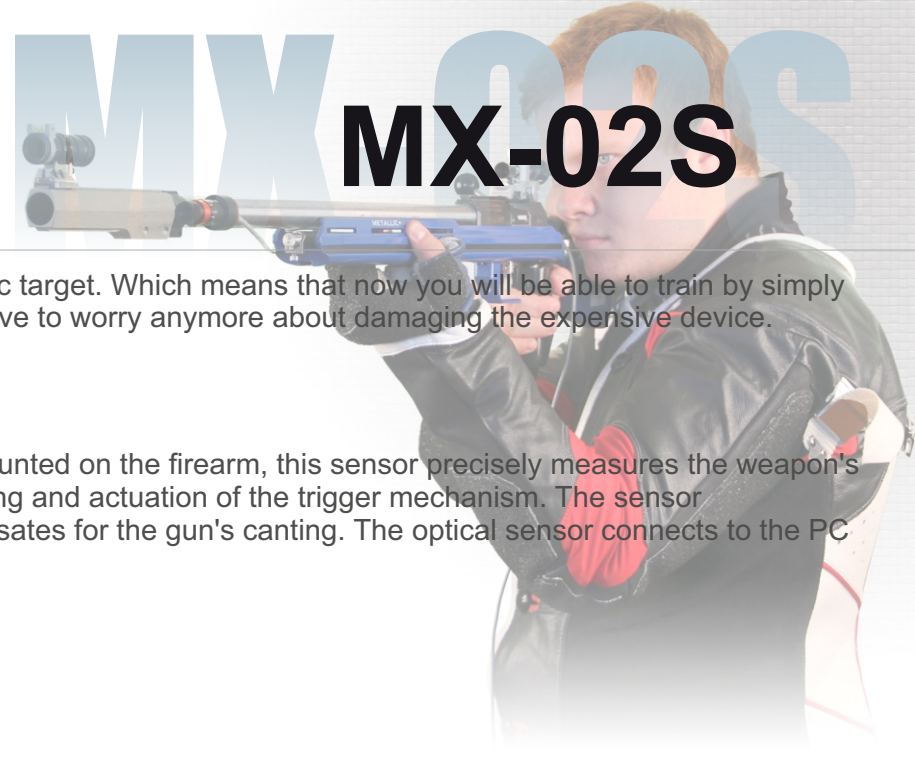
A special feature of this model in comparison to other SCATT systems is the lack of an electronic target. Which means that now you will be able to train by simply using a paper target or a standard target installation\* (i.e. SIUS). In live fire training you don't have to worry anymore about damaging the expensive device.

**Optical sensor** – mounted on the firearm, this sensor precisely measures the weapon's alignment during aiming and actuation of the trigger mechanism. The sensor automatically compensates for the gun's canting. The optical sensor connects to the PC via a USB cable.



**Software** — This model is complemented by the **SCATT Professional** software which has all the necessary features for efficient training and overall analysis of shooting results. Results are displayed in both digital and graphic forms and can be saved in a file for further analysis (aim trajectory, shots and graphs, etc).

**\*Notice**, this training system supports black, circular targets with the white background incl. biathlon targets



#### SPECIFICATIONS

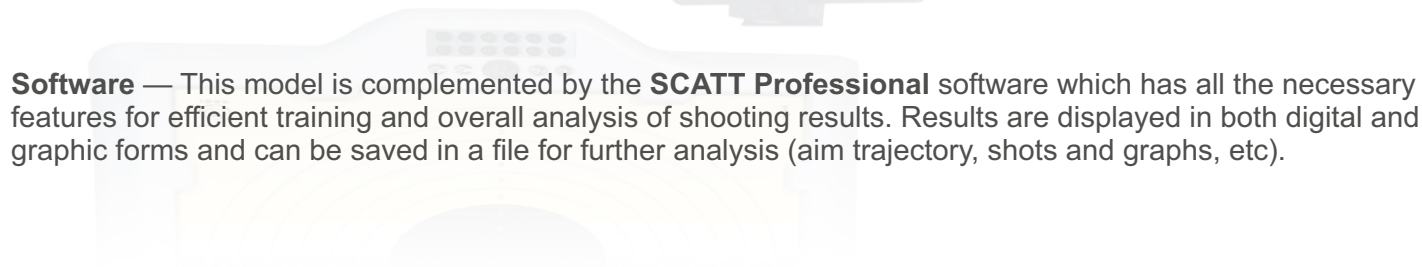
Use	indoor / outdoor
Distance to the target	from 2 m. and above
Optical sensor connection type	wired (USB)
Optical sensor dimensions:	26 x 31 x 52 mm
Optical sensor weight:	26 g.

#### ACCESSORIES

- Optical sensor SCATT MX-02S
- Iris diaphragm
- Mounting parts kit (mounting prism with parallax compensation screws, steel mounting plate with screw, allen key)
- Optical sensors interface USB cable
- Software USB flash drive
- Quick setup guide



# WS1



Red and Green LEDs built-in at the top and bottom of target frame allow practice with shot-time limitation (e.g. sport pistol). The target has a built-in wireless receiver.

**Wireless optical sensor** – mounted on the firearm, this sensor precisely measures the weapon's alignment during aiming and actuation of the trigger mechanism. The sensor has a two-way infrared connection to the electronic target. Sensor has a built-in battery and can be recharged from USB port of your computer. Battery life approx. 30 hours of sight (*about 10.000 shots with an average time of sighting 10s.*). SCATT WTS trigger sensor can be connected directly to the mini-USB port of the optical sensor.

Use	indoor
Distance to the target	from 5 to 10 meters
Optical sensor connection type	wireless (IR)
Optical sensor dimensions:	27 x 19 x 60 mm
Optical sensor weight:	30 g.

- Optical sensor model WS-03
- Electronic target model WT-01
- Target control unit model WTC-01
- Mounting parts kit (mounting prism, steel mounting plate with screw, allen key)
- Optical sensors charging USB cable
- Target control unit interface USB cable
- Electronic target interface cable
- Software CD
- User manual

**USB** — is an electronic computer trainer intended for indoor shooting practice with fixed targets. This model is equipped with a wired optical sensor and can be used on variable distances from 5 to 10 meters.

# USB



**Electronic target** – mounted instead of the standard target (hangs on the wall, Bullet catcher or mounted on a photo tripod), connects to the PC via a USB, without requiring a separate power supply. Red and Green LEDs built-in at the top and bottom of target frame allow practice with shot-time limitation (e.g. sport pistol).

**Optical sensor** – mounted on the firearm, this sensor precisely measures the weapon's alignment during aiming and actuation of the trigger mechanism. The sensor automatically compensates for the gun's canting. The optical sensor connects to the PC via a USB cable.

**Software** — This model is complemented by the **SCATT Professional** software which has all the necessary features for efficient training and overall analysis of shooting results. Results are displayed in both digital and graphic forms and can be saved in a file for further analysis (aim trajectory, shots and graphs, etc).

## SPECIFICATIONS

Use	indoor
Distance to the target	from 5 to 10 meters
Optical sensor connection type	wired (USB)
Optical sensor dimensions:	27 x 19 x 60 mm
Optical sensor weight:	26 g.

## ACCESSORIES

- Optical sensor model OS-02
- Electronic target model ST4-12
- Target control unit model WTC-01
- Mounting parts kit (mounting prism, steel mounting plate with screw, allen key)
- Optical sensors interface USB cable
- Target control unit interface USB cable
- Electronic target interface cable
- Software CD
- User manual

**BASIC** — is the newest, and least expensive model among all SCATT training systems. This model is designed to be a great training tool for juniors, beginners, and mid-level shooters who want to take the smartest route to improve their scores, and shooting technique. It is capable of working inside and outside, at distances of 2.5 meters and above, and supports both dry-fire and live-fire training.

A special feature of this model in comparison to other SCATT systems is the lack of an electronic target. Which means that now you will be able to train by simply using a paper target or a standard target installation (i.e. SIUS). In live fire training you don't have to worry anymore about damaging the expensive device.



**Optical sensor** – mounted on the firearm, this sensor precisely measures the weapon's alignment during aiming and actuation of the trigger mechanism. The sensor automatically compensates for the gun's canting. The optical sensor connects to the PC via a USB cable.

**Software** — this model is equipped with the newest, cross-platform **SCATT Basic** software. This clean, and user friendly program contains the essential training features, and supports the most popular targets. All graphic, and digital data can be saved, printed, and shared.

SPECIFICATIONS	
Use	indoor / outdoor
Distance to the target	from 2.5 and above
Optical sensor connection type	wired
Optical sensor dimensions:	26 x 31 x 34 mm
Optical sensor weight:	29 g. (1.0 oz)
ACCESSORIES	

- Optical sensor SCATT MX-T02V2
- Iris diaphragm
- Mounting parts kit (mounting prism with parallax compensation screws, steel mounting plate with screw, allen key)
- Optical sensors interface USB cable
- Software USB flash drive
- Quick setup guide



**WM9** — is an electronic computer trainer used for fixed target training at distances from 4 to 6 meters  
Allows convenient practice with 9 mm and .45 caliber pistols.



**Electronic target** – mounted instead of the standard target (hangs on the wall or mounted on a photo tripod), connects to the PC via a USB, without requiring a separate power supply. Red and Green LEDs built-in at the top and bottom of target frame allow practice with shot-time limitation (e.g. sport pistol). The target has a built-in wireless receiver.

**Wireless optical sensor** – inserted into barrel of 9 mm or .45 caliber pistol, this sensor precisely measures the weapon's alignment during aiming and actuation of the trigger mechanism. Optical sensor has two-way infrared connection to the electronic target. Operating time from one battery (AG5, 393 or analog) about 10,000 shots with an average time of sighting 3 s. In case of prolonged non-use, the sensor automatically switches to sleeping mode.

Optical sensor's .45 caliber conversion kit\*



P/N 202024



#### SPECIFICATIONS

Use	indoor
Distance to the target	from 4 to 6 meters
Optical sensor connection type	wireless (IR)
Optical sensor dimensions:	14 x 14 x 68 mm
Optical sensor weight:	6 g. (With battery)

#### ACCESSORIES

- Optical sensor model WS-M02
- Electronic target model WT-01
- Target control unit model WTC-01
- Target control unit interface USB cable
- Electronic target interface cable
- Software CD
- User manual

**Software** — This model is complemented by the **SCATT Professional** software which has all the necessary features for efficient training and overall analysis of shooting results. Results are displayed in both digital and graphic forms and can be saved in a file for further analysis (aim trajectory, shots and graphs, etc).

\*Not included into a main kit by default.

**BIATHLON** — is used for the training of Biathletes. This system has five targets set at a distance of 5 meters and imitates shooting at 50 meters. This model is equipped with wired optical sensor. This system not only measures fixed aiming trajectory, but also the weapon's trajectory movement from target to target.



**Software** — This model complete with **SCATT Biathlon** software which has all the necessary features for efficient training and overall analysis of shooting results. Results are displayed in both digital and graphic forms and can be saved in a file for further analysis (aim trajectory, shots and graphs, etc).

**Electronic target** – placed at the distance of 5 meters (hangs on the wall or mounted on a photo tripod), connects to the PC via a USB, without requiring a separate power supply. Target is equipped with LED impact indicators.

**Optical sensor** – fixed on the firearm, this highly accurately measures the weapon's alignment during aiming and actuation of the trigger mechanism. Optical has USB connection to the computer.

#### SPECIFICATIONS

Use	indoor
Distance to the target	5 meters
Optical sensor connection type	wired (USB)
Optical sensor dimensions:	27 x 19 x 60 mm
Optical sensor weight:	26 g.

#### ACCESSORIES

- Optical sensor model OS-02
- Electronic target model SBT-5
- Target control unit model WTC-01
- Mounting parts kit (mounting prism with parallax compensation screws, steel mounting plate with screw, allen key)
- Optical sensors interface USB cable
- Target control unit interface USB cable
- Electronic target interface cable
- Software CD
- User manual



**BIATHLON WL** — is used for the training of Biathletes. This system has five targets set at a distance of 5 meters and imitates shooting at 50 meters. This model is equipped with wireless optical sensor. This system not only measures fixed aiming trajectory, but also the weapon's trajectory movement from target to target.



**Software** — This model complete with **SCATT Biathlon** software which has all the necessary features for efficient training and overall analysis of shooting results. Results are displayed in both digital and graphic forms and can be saved in a file for further analysis (aim trajectory, shots and graphs, etc).

# BIATHLON WL

**Electronic target** – placed at the distance of 5 meters (hangs on the wall or mounted on a photo tripod), connects to the PC via a USB, without requiring a separate power supply. Target is equipped with LED impact indicators.

**Wireless optical sensor** – mounted on the firearm, this sensor precisely measures the weapon's alignment during aiming and actuation of the trigger mechanism. The sensor has a two-way infrared connection to the electronic target. Sensor has a built-in battery and can be recharged from USB port of your computer. Battery life approx. 30 hours of sight (*about 10.000 shots with an average time of sighting 10s.*). SCATT WTS trigger sensor can be connected directly to the mini-USB port of the optical sensor.

## SPECIFICATIONS

Use	indoor
Distance to the target	5 meters
Optical sensor connection type	wireless (IR)
Optical sensor dimensions:	27 x 19 x 60 mm
Optical sensor weight:	30 g.

## ACCESSORIES

- Optical sensor model WS-03
- Electronic target model SBT-5
- Target control unit model WTC-01
- Mounting parts kit (mounting prism with parallax compensation screws, steel mounting plate with screw, allen key)
- Optical sensors charging USB cable
- Target control unit interface USB cable
- Electronic target interface cable
- Software CD
- User manual

# SCATT training systems comparison table

Model Part No.	SCATT USB 101700	SCATT WS1 101702	SCATT WM9 101703	SCATT MX-02 101709	SCATT Basic 101706	SCATT Biathlon / WL 101701 / 101705	SCATT MX-W2 101008
General characteristics							
Distance to the target	from 5 to 10 m.	from 5 to 10 m.	from 4 to 6 m.	from 2 m. and above	from 2.5 to 50 m.	5 m.	from 2 m. and above
Simulated distances	up to 1000 m.	up to 1000 m.	up to 300 m.	up to 1000 m.	up to 50 m.	50 m.	up to 1000 m.
Supported weapon type	rifle / pistol	rifle / pistol	pistol .35 / .45 cal.	rifle /pistol	rifle /pistol	rifle	rifle /pistol
Type of optical sensor to computer connection	wired to USB	wireless IR	wireless IR	wired to USB	wired to USB	wired to USB wireless IR	wireless Wi-Fi
Possibility of using for training with a real firing	no*	no*	no	yes**	yes**	no	yes**
Operating program	SCATT Professional				SCATT Basic	SCATT Professional	SCATT Expert
Warranty period	24 months						

\* Possible to use for live firing with air pellets at your own risk

\*\* Warranted normal function with cartridges up to .338 caliber

# ACCESSORIES

## STS trigger sensor

Trigger sensor – a device allowing to obtain information about the effort with which the shooter presses the trigger.

(Compatible with all models of SCATT systems)



This accessory is available in following versions:

- **STS (RR)** - right-hand, round plate - P/N 101011
- **STS (RS)** - right-hand, straight plate - P/N 101009
- **STS (LR)** - left-hand, round plate - P/N 101010
- **STS (LS)** - left-hand, straight plate - P/N 101007

## WTS trigger sensor

Trigger sensor WTS – a device allowing to obtain information about the effort with which the shooter presses the trigger. Trigger sensor connected to USB port of SCATT WS-03 optical sensor. (Compatible with SCATT WS1 and SCATT Biathlon WL models)



This accessory is available in following versions:

- **WTS (RR)** - right-hand, round plate - P/N 101006
- **WTS (RS)** - right-hand, straight plate - P/N 101012
- **WTS (LR)** - left-hand, round plate - P/N 101013
- **WTS (LS)** - right-hand, straight plate - P/N 101014

## Barrel insert .22 caliber



Used for mounting the optical sensor on .22 caliber guns

P/N 202018

## Barrel insert .30 caliber



Used for mounting the optical sensor on .30 caliber guns

P/N 202019

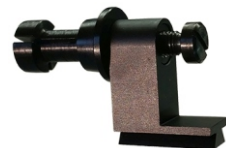
## Barrel insert .35 caliber



Used for mounting the optical sensor on .35 caliber guns

P/N 202020

## Barrel insert .45 caliber



Used for mounting the optical sensor on .45 caliber guns

P/N 202021



# ACCESSORIES

## S9 clamp



S9 clamp - used for mounting of optical sensor SCATT WS-M02 outside of gun barrel. Is used together with other SCATT mounts

P/N 202025

## STEYR LP10 mount



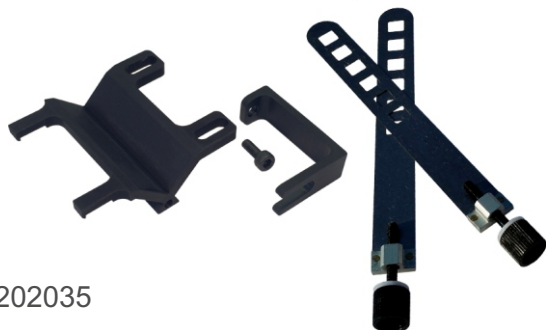
STEYR LP10 mount - used for mounting of the optical sensor on the LP10 model pistol by STEYR

P/N 202039

## Mounting prism 40 mm

Mounting prism 40 mm - used for solid mounting of the optical sensor MX-02 model on the rifle's barrel when live firing with larger calibers, to avoid optical sensor displacement during strong recoil

(Supplied with two all-purpose mounting plates and USB cable holder)



P/N 202035

## Mounting prism



Mounting prism - used for mounting optical sensor on the barrel

P/N 202029

## Mounting prism with parallax compensation



P/N 202028

Mounting prism with parallax compensation - used for fixing optical sensor on the barrel or gas cylinder. Allows you to change the angle of the optical sensor attachment relative to the axis of the bore. Relevant when training at a small distances to electronic target, to eliminate parallax

## D6-19 clamp



P/N 202026

D6-19 clamp - used for mounting the optical sensor on barrels from 6 to 19 mm diameter. Weight 13 grams.  
Excellent choice for mounting optical sensor on the free pistol

## Picatinny / Weaver Rail mount



P/N 202022

Picatinny / Weaver Rail mount - used for mounting the optical sensor on rifles, shotguns, pistols, crossbows, etc. with the rail. For greater convenience, the clamp is equipped with two rails

## D20 clamp



P/N 202027

D20 clamp – used for mounting the optical sensor on barrels of 20 mm. diameter. Weight 6.4 grams

# ACCESSORIES

## D20-22 clamp



D20 - 22 clamp – used for mounting the optical sensor on the barrels from 20 to 22 mm. diameter. Weight 14 grams

(Supplied with POM inserts for barrels of 20 and 21 mm. diameter)

P/N 202040

## Mounting plate

Mounting plate - used for mounting optical sensor on the barrels of different diameters. Made of stainless steel 0.2 mm



P/N 202033

## Mounting plate XXL

Mounting plate XXL - used for mounting optical sensor on the barrels of big diameters or cross-sections. Made of stainless steel 0.2 mm. Length 150 mm



P/N 202034

## SCATT MX-series carrying case



SCATT MX-series carrying case - suitable for all SCATT MX-series models

P/N 202036

## SCATT soft carrying case



P/N 202016

SCATT soft carrying case - suitable for following SCATT models:

- SCATT USB
- SCATT WS1
- SCATT WM9
- SCATT Biathlon
- SCATT Biathlon WL

## SCATT + laptop carrying case



P/N 202017

SCATT + laptop\* carrying case - suitable for following SCATT models:

- SCATT USB
- SCATT WS1
- SCATT WM9
- SCATT Biathlon
- SCATT Biathlon WL
- SCATT MX-02

\*(Maximum laptop size 15")

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