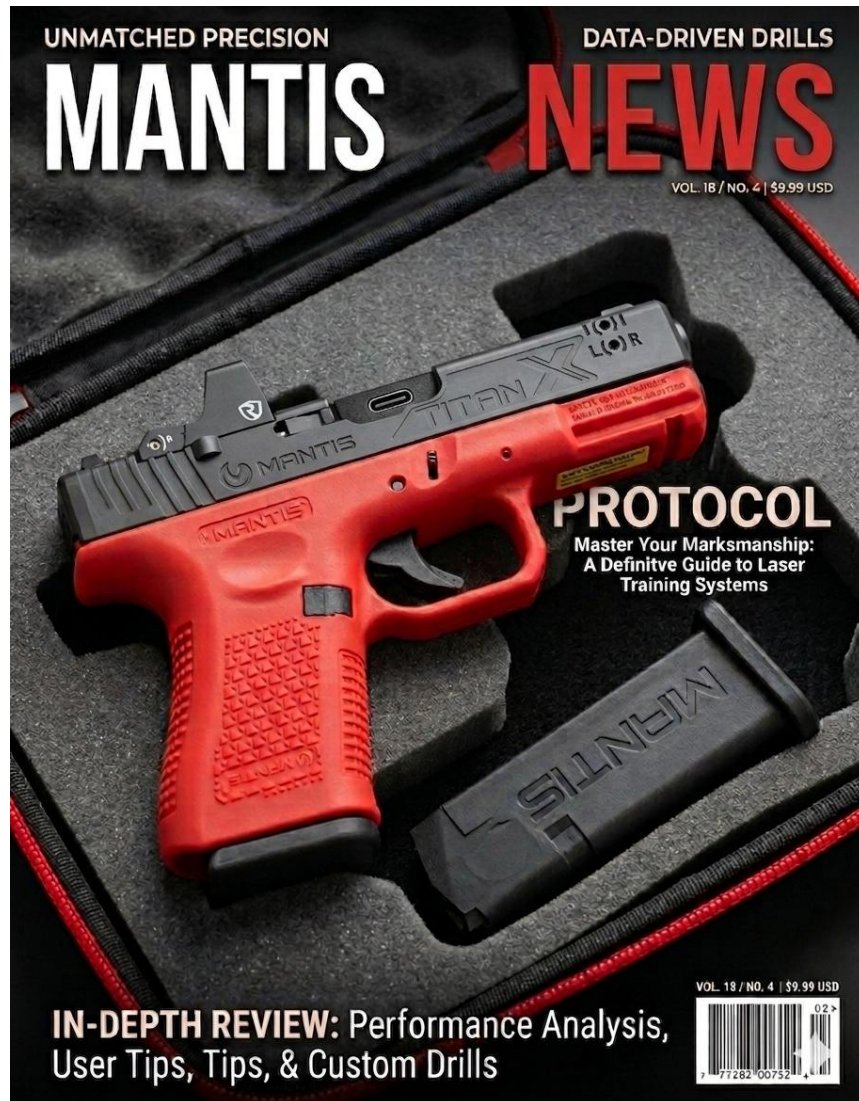




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**The Future of Dry Fire: A Comprehensive Review of the Mantis Titan-X Smart Laser Training Pistol.**

## The Future of Dry Fire: A Comprehensive Review of the Mantis Titan-X Smart Laser Training Pistol.

By: Sal Palma



For years, the gold standard of "dry fire" training involved standing in front of a mirror, clicking a trigger, and manually racking a slide—a tedious process that often-reinforced bad habits as much as it built good ones.

For shooters seeking to bridge the gap between dry-fire drills and range performance, the MANTIS TITAN-X represents the current pinnacle of training technology. By merging a realistic, inert firearm platform with the sophisticated data analysis of the MantisX ecosystem, it offers a frictionless training experience that traditional setups simply cannot match.

Before diving into the TITAN-X, one must understand the philosophy of the company behind it. [Mantis \(Mantis Tech, LLC.\)](#), often referred to by their flagship product name, MantisX, was founded by a group of engineers and shooters who shared a common frustration: shooting instruction

was historically subjective. Coaches would watch a shooter's hands and guess what went wrong based on where the hole appeared in the paper.

So, what's in the box?

The TITAN-X arrives in a professional, custom-molded EVA carry case that signals its status as a serious piece of equipment rather than a toy. Upon opening the case, you find a thoughtfully curated kit designed to get you training immediately.

1. **The TITAN-X Training Pistol:** Available in models 700 (Glock 17), 701 (Glock 19), or 702 (Glock 45), the unit itself is finished in a distinct trainer red to ensure it is never mistaken for a live firearm.



2. **Two Weighted Magazines:** This is a standout inclusion. These magazines are weighted to mimic a fully loaded 15-round magazine (approx. 9.2oz / 260g), allowing for realistic balance and reload drills.



3. **USB-C Charging Cable:** The TITAN-X features an internal rechargeable battery, powering both the internal sensor and the laser.



4. **Adjustment Tools:** Small hex key is included to zero the integrated laser to your sights. The laser of the review sample was already zeroed and required no adjustment.



5. **Optic-Ready Compatibility:** The slide comes with an RMR/RMS footprint, allowing you to mount your preferred red dot to match your carry or duty setup.

I used a RITON 3 TACTIX MPRD 2 which is an excellent compact red dot sight with a large viewing window.

You will need M3 screws of the appropriate length for your optic, which were not supplied with the review sample.



The core appeal of the TITAN-X is its totally safe and ease of use leading to the elimination of training scars. In traditional dryfire, a shooter must manually rack the slide after every shot to reset the striker, which disrupts the grip and rhythm. Alternatively, using a dead trigger provides no feedback on the break or reset. The TITAN-X solves this with an auto-resetting trigger. It provides a realistic take-up, solid wall, and a clean break, followed by an immediate reset without any manipulation of the slide. The TITAN-X trigger emulates the GLOCK trigger and breaks cleanly at about 5lbs. This allows for rapid-fire strings, Bill Drills, and transition practice that feel authentic. Because the MantisX sensor is integrated directly into the chassis, there is no bulky hardware hanging off your rail leaving it free to accept your weapon mounted light or laser/light accessory. The

TITAN-X also fits into most standard holsters, making it the ultimate tool for holster draw analysis.



Show with a GLOCK 19 Holster

The hardware is only half the story. The real story, for this reviewer, is its brilliant Integration with the MantisX App.

The TITAN-X connects via Bluetooth to the MantisX Pistol/Rifle app, transforming your living room into a high-tech flight simulator for shooting.



When you "fire" the TITAN-X, the app records movement data at a rate of

thousands of samples per second. It breaks down each shot into three distinct phases:

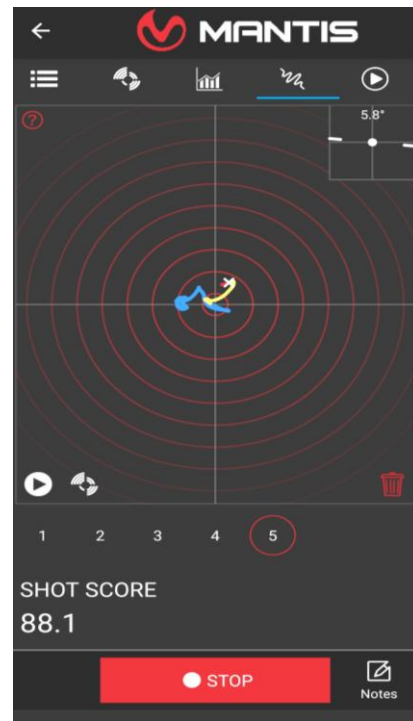
### 1. The Trace View (Blue, Yellow, and Red)

The app provides a visual "trace" of your muzzle's movement.

Blue Trace: Your movement as you hold on target before the shot (Hold).

Yellow Trace: The movement during the trigger press (Press).

Red Trace: The movement immediately after the shot (Follow-through).



Seeing this path allows you to diagnose if you are milking the grip or heeling the gun just as the shot breaks.

## 2. The Score (0-100)

Each shot is given a score based on how much the muzzle deviated from its position at the moment of the trigger press. A score of 95+ is excellent; a score below 75 usually indicates a significant technical error.

## 3. Diagnostic Suggestions

The most helpful feature for solo trainers is the app's ability to analyze movement patterns and suggest fixes. If the app detects a consistent dip to the left, it may suggest "Too Much Finger" or "Tightening Grip."

## 4. Dynamic Metrics: Efficiency and Transition

Because the TITAN-X is compatible with BlackbeardX-style dynamic drills, it measures more than just marksmanship. In multi-target drills, the app provides:

- **Transition Time:** How quickly you move between targets.
- **Over Travel:** Whether you swing past the target and have to come back.
- **Delay on Target:** How long do you wait before firing once the muzzle is settled.

## 5. Magazine Exchange Analysis

With the inclusion of the weighted mags, the TITAN-X can analyze your reloads. It breaks the reload into

phases: the press of the mag release, the insertion of the new mag, and the return to a firing grip. This allows you to identify exactly where you are losing time during a high-speed exchange.

I've only scratched the surface on the capabilities of the MantisX App; however, integration of the TITAN-X training pistol brings to market the best training system available.

The MANTIS TITAN-X is a transformative tool. At a price point of approximately \$199, it provides the same analytic power as the X10 Elite sensor but adds a realistic, resetting trigger and a dedicated training platform. By removing the friction of setup and the annoyance of racking the slide, it encourages more frequent, higher-quality practice. For any shooter serious about moving from good to great, the TITAN-X is not just an accessory, it is an essential piece of safe training gear. **-SP**

### Manufacturer Specifications

- **Models:** TitanX 700 (Glock 17), 701 (Glock 19), 702 (Glock 45).
- **Laser:** 650 nm Red Laser (Class 3R), 60ms duration.
- **Trigger:** Realistic resetting trigger with a bladed safety.
- **Optic Compatibility:** RMR, Shield RMS, and RMSc footprints.
- **Dimensions (Approx.):** 7.32 in (G19) to 7.95 in (G17) length; 1.26 in width.
- **Weight:** Approximately 17.2 oz (with weighted mag).
- **Power:** Rechargeable via USB-C.
- **Included Accessories:** Custom EVA case, 2 weighted mags, charging cable,