



DARTTM Specifications

DART FIREARMS TRAINING SIMULATOR

Virtual range training has proven to be an effective tool for providing more frequent, more intense weapons training without the cost, logistic problems, or safety concerns of a live-fire range. The DART firearms training simulator offers all the benefits of virtual range training at a price affordable for departments of any size.

Built around innovative computer hardware, the DART system includes realistic digital range software and powerful course editing capabilities that allow the creation of limitless courses of fire - each with their own graphics, rules, and targets.

DART Hardware

The DART hardware is fully integrated. There is no need to connect it to a separate computer or laptop because the computer is built-in – and includes an infrared camera able to pick out laser shots.

- Portable design 6 x 3.5 x 4.5 inches
- Weight 1.9 pounds
- Integrated IR camera
- Wireless keyboard and mouse
- Interchangeable lens filters
- Carrying case
- One-year warranty

DART Range Software

DART RangeTM allows you to practice marksmanship skills on a realistic digital replica of a live-fire range.

- Fast and accurate shot detection
- Run unlimited courses created in DART Creator
- Adjust gunshot, zone hits, and ambient volumes
- Side menus allow you to "shoot" most-used options
- Adjust the color of the menu system
- Controlled by mouse, keyboard, and smart devices
- Context-sensitive help
- Simple calibration process
- Fine-tune the aim of laser weapons

DART Creator Software

DART CreatorTM allows you to create courses of fire with an unlimited number of stages, each with their own targets, rules, and conditions.

- More than 100 real-world targets
- Create courses with unlimited number of stages
- Adjust range graphics and brightness
- Set pass/fail course score
- Use random or fixed targets
- Rotate targets on entry option
- Simulated recoil replicates weapon recoil
- Set max shots allowed
- Set max time allowed
- Set minimum shots required in specific zones
- Create your own targets with the Target Editor
- Assign secondary audio files to each hit zone

Visible Weapon Software

Visible WeaponTM familiarizes students with the mechanics of a weapon including its individual parts, function, and cycle of operation. Using realistic 3D graphics and interactive animation, the Visible Weapon series communicates information visually in a way that stimulates learning and improves comprehension and understanding.

- Explore the form and function of a GLOCK pistol
- High-fidelity, interactive 3D graphics
- Train on unique safety mechanisms of a GLOCK
- Interactive field stripping instruction

DART Trace (optional)

DART TraceTM is a shot tracking software and hardware extension for the DART firearms training simulator. DART Trace tracks the movement of a firearm during all phases of a shot; target acquisition, aim, trigger pull, and follow through. Once a shot is made, the shooter's aim point can be replayed in real time along with various data points, which can be used to analyze shooting performance. DART Trace includes software and a dedicated DART Trace laser weapon.

Digimation

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