

WEAPON CONVERSIONS



TRAINING TO WIN

Since 1995, Cubic has been providing custom modified weapons for training simulation, specifically designed to meet the training requirements of our customers. Cubic provides a wide selection of simulator weapons, ranging from dedicated modified firearms to drop-in barrel kits that can be used in the customer's own weapons.

DROP-IN LASER KITS

The original barrel is removed from a real weapon and replaced with a modified barrel that accepts the coded laser insert. The breech of the modified barrel is machined so that a live fire round cannot be chambered. After training, depending on the weapon, the drop-in kit can be removed and the weapon returned to normal service by replacing the original barrel. Weapons with internal trigger mechanisms will have trigger reset kits installed.

CO₂ RECOIL CONVERSIONS

Tethered and tetherless CO₂ recoil kits are available for semi-automatic pistols, sub-machine guns and some rifles. CO₂ gas generates the recoil effect when the trigger is pulled. These recoil conversions are non-permanent; after training the weapon can be returned to normal service by removing the recoil kit and reinserting the original barrel, spring and magazine.



Dry Fire Pistol



CO₂ Recoil Kit for M4

MODIFIED WEAPONS FOR SIMULATION

DRY-FIRE WEAPON CONVERSIONS

Dry-fire weapon conversions have no recoil. When the trigger is pulled, the laser insert is activated. Dry-fire weapons are low-cost, can be holstered and require little maintenance making them ideal for judgemental use-of-force training.

QUALITY ASSURANCE

Each modified weapon starts with an actual or demilitarised weapon, which is then fabricated to prevent the chambering or discharge of live rounds. The modified weapon offers:

- The look, weight and feel of the original weapon.
- Designed for reliability and maintenance.
- Sensors and components manufactured for extended life.

All modified recoil designs undergo stringent quality assurance testing that includes:

- Recoil cycle analysis to confirm reliable operation.
- Functionality checks to ensure the mechanics of the modified weapon replicate the original firearm.

WEAPON TYPES

Recoil - Modified recoil weapons increase the realism of your training experience. Multiple recoil designs allow you to choose the best fit for your training needs:

- Belt Pack (tethered) - Reliable recoil and unrestricted movement, works with CO₂.
- Magazine (non-tethered, integrated recoil kit) - Simple recoil, quick installation and removal, works with CO₂.

Dry-Fire - Design options for modified weapons provide viable training and diagnostic tools for simulation without recoil:

- Dedicated Dry-Fire - Dry-fire barrel and permanently modified weapons, allows for unrestricted movement.
- Drop-In Laser Kits - Laser insert provides added versatility in weapon selection.



Less Lethal Options



Airsoft Weapon



CO₂ Recoil Kit for Pistol



Modified (Tetherless) Firearm