

# 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.



*Dry Fire Pistol*

## CO<sub>2</sub> RECOIL CONVERSIONS

Tethered and tetherless CO<sub>2</sub> recoil kits are available for semi-automatic pistols, sub-machine guns and some rifles. CO<sub>2</sub> 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.



*CO<sub>2</sub> 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 CO<sub>2</sub>.
- Magazine (non-tethered, integrated recoil kit) - Simple recoil, quick installation and removal, works with CO<sub>2</sub>.

**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*



*Airsoft Weapon*



*Modified (Tetherless) Firearm*