

Gas Launcher/Munitions Specifications

00001 40mm Pump Action Multit-6 Shot Launcher

- | | | |
|---|--|---|
| <input type="checkbox"/> Caliber | 37/38mm Smooth | 40mm Rifled |
| <input type="checkbox"/> System of Operation | | Revolver Type, Magazine Rotated By Pump Action
Fore Grip, No Winding Of Magazine Required
Double Action Trigger |
| <input type="checkbox"/> Type of Action | | Double Action Trigger |
| <input type="checkbox"/> Safety | | Trigger Lock & Hammer Lock |
| <input type="checkbox"/> Rate of Fire | | 6 Shots Within (±) 4 Seconds |
| <input type="checkbox"/> Ammunition | All Rimmed 37mm Ammo
Up To 8" In Length | All Rimmed 40mm Ammo Up To 5.9" In Length |
| <input type="checkbox"/> Loading / Unloading | | Break Open Frame Design Allows For Quick Loading
And Unloading |
| <input type="checkbox"/> Barrel | 12" Smooth Bore Barrel | 12" Long, 6 Rifling Grooves With Twist Of 1"/47" |
| <input type="checkbox"/> Capacity | | 6 Shots |
| <input type="checkbox"/> Overall Length | | 23" With Folding Stock Closed, 34" With Stock Open |
| <input type="checkbox"/> Weight | | 9-11 lbs Depending On Model |
| <input type="checkbox"/> Sight | | Bead Front With Ghost Ring Rear On Accessory Rail |

00002 40mm Single Shot Launcher

- | | |
|---|---|
| <input type="checkbox"/> Caliber | 40mm Rifled |
| <input type="checkbox"/> Type of Action | Double Action Trigger |
| <input type="checkbox"/> Safety | Trigger Lock |
| <input type="checkbox"/> Ammunition | All Rimmed 40mm Ammo Up To 5.9" In Length |
| <input type="checkbox"/> Loading / Unloading | Break Open Frame Design Allows For Quick Loading And Unloading |
| <input type="checkbox"/> Barrel | 12" (30.48 cm) Long, 6 Rifling Grooves With Twist Of 1"/47" |
| <input type="checkbox"/> Overall Length | 30"(76.2 cm) With Folding Stock Open & Fully Extended 26.5" (67.3 cm) With
Folding Stock Open & Collapsed 19" (48.2) With Folding Stock Closed |
| <input type="checkbox"/> Weight | 6.2 lbs (2.81 kg) |
| <input type="checkbox"/> Sights | Front Post Iron Sight w/ Guard – Rear Groove |
| <input type="checkbox"/> Mounting Rails | Note: Quad Weaver Rail Assembly |

00003 Optical Sight

- **Optics:** Transmission holography - parallax free
- **Magnification:** 1x
- **Eye Relief:** Unlimited
- **Length/Width/Height:** 3.75"x2.4"x2.4" (95.25X60.96x60.96)
- **Weight:** 8.8 oz (250 grams)
- **Temperature:** -40 to 150 F
- **Waterproof:** Submersible to 10 ft depth
- **Sealing:** Fogproof internal optics

- **Color/Finish:** Non reflective black with hard coat finish
- **Adjustment (per click):** 0.5 MOA (1/2" at 100 yds)
- **Adjustment Range:** +/- 40 MOA travel
- **Mount:** 1" Weaver or Picatinny (MIL-STD-1913) rail
- **Return to Zero:** Repeatable to 2 MOA after re-mounting
- **Night Vision Comatibility:** none

Heads-Up-Display Window

- **Optical Surfaces:** Anti-glare coating
- **Window Dimensions:** 1.20" x 0.85" (30 x 23mm)
- **Front Window Material:** 1/8" solid glass
- **Rear Window Material:** Shatter resistant laminate (3/16" thick)
- **Field of View (100 yds):** 30 yds (28m) at a 4" eye relief
- **Reticle Options:** two 1MOA dots with a 65 MOA circle with quadrant ticks

Electrical

- **Brightness Adjustment Range:** 110,000:1 brightest to lowest
- **Power Source:** (1) 123 lithium battery
- **Battery Life:** 600 continuous hours at nominal setting 12
- **Brightness Settings:** 30 settings with scrolling feature (10 settings for NV use)
- **Auto Battery Check Indicator:** Flashing reticle upon start-up
- **Auto Shut-down:** At 8 hrs- programmable to 4 hrs

00004 Cartridge, 40mm, Liquid Barricade CS

- Type** Barricade Penetrating, CS Liquid
- Range:** 50 Yards
- Cartridge Material** M212 Plastic Composite
- Projectile Weight** 120 gm
- Projectile Material** Composite Plastic
- Overall Height** 4.8"
- Overall Weight** 150gm
- Chemical Weight** 40gm
- Net Irritant Agent** 10gm
- Compatibility** All 40mm M203 and M79 type launchers
- Waterproof** Lacquer coated primer and sealed top
- Description** Cartridge, 40mm, Liquid Barricade, CS

00005 Cartridge, 40mm, Powder Barricade Penetrating, OC

- Type** Single Projectile
- Discharge Time** Instantaneous, upon impact

- Maximum Effective Range** 50 yd (45.72m)
- Cartridge Material M212 Plastic Composite
- Projectile Material Plastic Composite
- Overall Height 4.8" (12.2 cm)
- Overall Weight 134 gm
- Chemical Weight 12.1 gm
- Agent Weight 3.5 gm
- Compatibility All 40mm M203 And M79 Type Launchers
- Velocity 380-425 fps
- Waterproof Lacquer Coated Primer & Sealed Top

00006 Muzzle Blast Cartridge, 40mm, CS

- Type** Dispersion round
- Discharge Time** Instantaneous
- Maximum Effective Range** 10-30 feet (3-9 m)
- Cartridge Material Aluminum
- Overall Height 4.8"
- Overall Weight 174 gm (6.13 oz)
- Agent Weight 120 gm (4.23 oz)
- Compatibility 1.5" Riot Guns & M79 Type Grenade Launchers

00007 Muzzle Blast Cartridge, 40mm, OC

- Type** Dispersion round
- Discharge Time** Instantaneous
- Maximum Effective Range** 10-30 feet (3-9 m)
- Cartridge Material Aluminum
- Overall Height 4.8"
- Overall Weight 174 gm (6.13 oz)
- Agent Weight 120 gm (4.23 oz)
- Compatibility 1.5" Riot Guns & M79 Type Grenade Launchers

00008 Cartridge, 40mm, Sponge Baton

- Type** Spin stabilized rubber foam impact
- Velocity** 250 feet per second
- Range** 30 yards
- Cartridge Material** Plastic/Fiber Composite
- Projectile Weight** 60gm

- Projectile Material Plastic rotating band and foam rubber ogive
- Overall Height 4"
- Overall Weight 100gm
- Compatibility All 40mm M203 and M79 type launchers
- Waterproof** Yes
- Deployment** Optimal Ranges are between 3 meters (9.84 feet) to 30 meters (98.4 feet).

00009 Cartridge, 12ga, Rubber Baton

- Type** Single Projectile Rubber Baton
- Velocity 500 ft/sec (Avg.)
- Maximum Effective Range** 50 feet (15.2m)
- Projectiles** 1
- Cartridge Material** Plastic
- Projectile Weight** 6 gm
- Projectile Material** Rubber, 75 Durometer "A" Scale
- Projectile Diameter** 0.60
- Overall Height** 2.5" (63.5 mm)
- Overall Weight** 18 gm
- Compatibility** 12ga. Cylinder bore Shotgun

00010 Orange Hull, 12ga, Bean Bag Cartridge

- Projectile Weight** 40 gm
- Cartridge Material** Plastic
- Projectile Material** Shot filled Ballistic Fiber Reinforced flexible sock
- Overall Height** 2.40" (61mm)
- Overall Weight** 56 gm.
- Compatibility** Cylinder and Improved Cylinder 12ga. Shotguns chambered for 2.75" and 3" cartridges.
- Terminal Velocity** 280 fps (average) at 10 yards
- Accuracy** 4" or better at 20 yards using a cylinderbore Remington 870.
- Deployment** Projectile in deployed state immediately upon exiting the weapon barrel. Optimal ranges are between 5 and 20 yards.

00011 Rubberball Hand Grenade, Smoke

- Type** Outdoor Smoke, screening, & training
- Characteristics** Waterproof to 5 psi
- Discharge Time** 15-20 seconds
- Emission Ports** 6 on circumference of body
- Launchable** Yes
- Body Material** Rubber
- Top Material** Plastic
- Diameter** 3.125" (80mm)

- Overall Height** 5.10" (130 cm)
- Overall Weight** 360.0 gm
- Chemical Weight** 120 gm
- Fuze Type** Model 201, Pyrotechnic Delay
- Fuze Delay** 1.5 +/- 0.3 sec

00012 Hand Grenade, CS

- Type** CS Smoke, crowd control, outdoor use
- Characteristics** Simultaneous separation in three
- Discharge Time** 25 +/- 10 seconds
- Emission Ports** 4 on top and 1 on bottom
- Launchable** Yes
- Body Material** Aluminum
- Top Material** Aluminum die casting w/ oven-baked black finish
- Diameter** 2.63" (67mm)

- Overall Height** 6.25" (150.9 cm)
- Overall Weight** 540 gm
- Chemical Weight** 3.14 gm
- Fuze Type** Model 201, Pyrotechnic Delay
- Fuze Delay** 1.5 +/- 0.3 sec
- Net Irritant Agent** 95 gm +/-5gm

00013 Hand grenade, Aerosol, OC Vapor

- Type** Aerosol, OC Vapor, OC-V
- Propellant** Proprietary
- Discharge Time** 1-5 seconds
- Emission Ports** 1
- Launchable** Yes
- Body Material** Aluminum
- Top Material** Aluminum die casting w/ oven-baked black finish
- Diameter** 2.34" (59.4mm)

- Overall Height** 6.42" (163 mm)
- Overall Weight** 426 gm
- Chemical Weight** 133 gm

- Fuze Type** Model 201, Pyrotechnic Delay
- Fuze Delay** 1.5 +/- 0.3 sec
- Net Irritant Agent** 95 gm +/-5gm

00014 Pepper Ball, Hand Grenade, OC

- Type Blast Dispersion OC
- Discharge Time Instantaneous
- Detonation Delay 1.2 ±0.4 sec.
- Launchable: Yes
- Body Material Rubber
- Top Material Plastic
- Overall Height 5.10" (130 cm)
- Diameter 3.125" (80mm)
- Overall Weight Agent Weight** 276 gm 57 gm

- Fuze Type Model 201, Pyrotechnic delay
- Fuze Delay 1.5 ±0.3 sec.

00015 Rubber Ball Hand Grenade

- Type Sting Ball Tactical
- Projectiles 105 Rubber Ball (approx.)
- Discharge Time Instantaneous
- Detonation Delay 2.6 ±0.5 sec.
- Launchable: Yes
- Projectile Dia. .31cal
- Projectile Material Rubber
- Projectile Hardness Projectile Weight** 75 Durometer "A" Scale .35 gm each

- Body Material Rubber
- Top Material** Plastic
- Overall Height** 5.10" (130mm)
- Diameter Explosive Weight** 3.125" (80mm) 8 gm

- Overall Weight** 276 gm
- Fuze Type** Model 201, Pyrotechnic delay
- Fuze Delay** 1.5 ±0.3 sec.

00016 Reloadable Steel Gun Body

- Diameter: 1.87 inches [4.8 cm]
- Gun Steel, 1.3 lbs., reusable 25
- Canister: times
- Reload: Brass collar w/ cardboard tube
- Fuze: M201A1 Fuze Type
- Explosive Content: Flash Powder
- Duration: 9 milliseconds

Sound Level: 174.5 dB at 5 feet
Light Level: 6-8 million Candela
Warranty: 5 years from Date of
Manufacture

Distraction Device body has additional six ports to the top of the canister. The bottom singular port should allow significant pressure (blast) wave.

00017 Distraction Device, 15-gram reload

Reload: Brass collar w/ cardboard tube
Tube Diameter: 1.98 cm
Overall Length: 12.7 cm
Fuze: M201A1 Fuze Type
Explosive Content: Flash Powder - 15.0 grams
Duration: 9 milliseconds
Sound Level: 174.5 dB at 5 feet
Light Level: 6-8 million Candela

00018 Direct Fire Projectile

Caliber: 12 gauge
Case length: 2.75 in / 70mm
Ammunition class: Less Lethal
Projectile type: Flexible baton
Projectile weight: 75 grains
Projectile diameter: 1.25 inches
Muzzle velocity: 650 fps
Kinetic energy @ muzzle: 70 ft/lbs
Min. engagement distance: 2 yards