

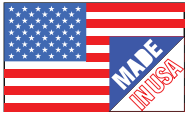
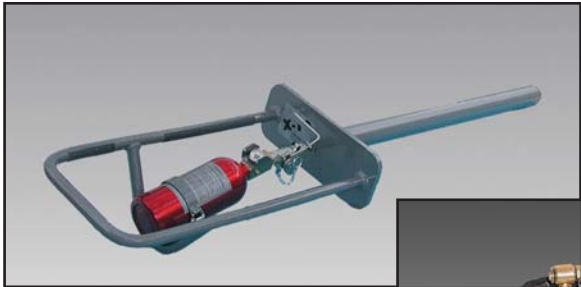


Ask for our GSA Advantage
Price List

Hydro-Force Series

*Less-than-Lethal Hand-Held
Chemical Spray Devices*

Featuring OPT™ (Optimum Pressure Technology™)



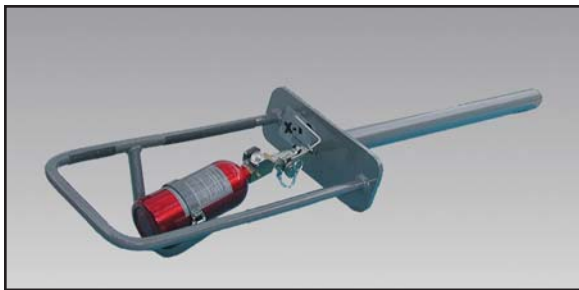
About Us

Priax Corporation, a California corporation, an engineering firm, specializes in correctional, law enforcement, and military applications. Our engineers work closely with clients to develop unique solutions to meet emergency needs or special requirements.

We currently offer several product lines that were designed specifically for the correctional and law enforcement industries. This brochure highlights some of the less-than-lethal hand-held chemical spray devices in our Hydro-Force Series products.

Please call for purchase information or to provide information on your special needs. We do not sell to the general public.

X-10 Cell Extraction Device



The X-10 is a safe and useful tool used during cell extractions. At times inmates may become belligerent and barricade themselves in a cell. Under these conditions, it becomes very dangerous for one or more officers to try entering the cell.

The X-10 allows officers to safely push back the barricades and introduce an oleoresin capsicum (OC), or pepper spray, fog into the cell. The pepper spray helps subdue the belligerent inmate, allowing the officers to enter the cell safely.

The pepper spray fog is an evaporated solution of powerful floating-in-air OC particles that will affect inmates regardless of their position in a cell. Holding your breath and/or covering your eyes will provide very little protection from this fog. The amount of OC fog released is controlled by the officer, who should be wearing gas masks. The fog, forced by a high pressure CO₂ gas, passes to the end of the X-10 probe and is expelled forward through angled vent holes.

The X-10 is designed for operation by two or three officers. Call for the X-10 brochure for more information on using the X-10 device.

The X-10 weighs approximately 28.5 pounds, including a full pepper spray cylinder. The weight is balanced and has large handles provided for easy use by either two or three officers. The X-10 is manufactured from heavy gauge aluminum with a powder coat finish to give many years of satisfactory service.



Spray Wand

The X-10SW hand-held sprayer, or spray wand, has a pressure washer gun-grip handle with replaceable nozzle spray tip. A selection of spare tips is available.

The gun grip handle comes with a one-piece high pressure hose and fittings to match the X-10C chemical cylinder. High pressure swivel fittings allow easy wand movement and either right- or left-hand operation.

All X-10C safety features are retained. There is only one releasable connector that attaches to the X-10C chemical cylinder. The X-10C chemical cylinder can be conveniently carried in a washable backpack carrier. The X-10C cylinder is easily removed from the carrier for refilling.

Call for the X-10SW hand-held sprayer brochure for more operation information.



Soothe-Away Plus

Soothe-Away Plus is a companion product to products using oleoresin capsicum (commonly known as OC or pepper spray). Soothe-Away Plus dissipates the burning sensation created when OC comes in contact with skin. Installations using OC

should have Soothe-Away Plus on hand for operators, maintenance personnel, and inmates or other subjects who handle or are marked by OC.

Pepper extracts and sprays are comprised of heat-producing compounds called capsaicinoids. These compounds coming in contact with skin will stimulate nerve endings and cause the sensations of heat and pain. Although the skin will not actually "burn," the body will "feel" and the brain will "think" the affected area is burning.

Soothe-Away Plus extracts capsaicinoids from the fatty tissue, gradually relieving the burning sensation and soothing the affected area. Once Soothe-Away Plus removes the OC from the fatty tissues, the OC can be washed off with soap and water. Call for the Soothe-Away Plus brochure and technical note for more information.

PepperJet



The PepperJet is a high pressure OC (oleoresin capsicum), or pepper spray, weapon specifically designed for control of large groups or combatants in hard-to-reach locations.

PepperJet takes an earlier idea for a tear gas sprayer and adds the features requested by our customers. These include:

- **Optimum Pressure Technology™ (OPT™).** The PepperJet uses 550 pounds per square inch pressurized carbon dioxide gas to propel pepper spray chemicals up to 60 feet.
- **Food Grade Chemicals.** The PepperJet uses only FDA-approved ingredients.
- **15-degree Angle.** A built-in 15-degree angle between the bottle and nozzle ensures complete chemical delivery even when level shooting.
- **Double Transportation Lock.** PepperJet has two locks to prevent inadvertent firing. A lock pin with safety chain is inserted for transportation and storage. A thumb-operated safety latch is operated when firing.
- **Aluminum Bottle.** Lighter weight and rust free.
- **Easy Filling.** PepperJet uses a modern threaded fitting with O-ring gasket. The PepperJet is so easy to fill that many customers fill the bottles right in the field.
- **Field Repairable.** End wrenches and a screwdriver are all that are needed for most field repairs.
- **No More Hose Clamps.** The PepperJet uses adjustable brackets with quick-release pull pins.
- **Easy Pressure Recertification.** PepperJet bottles are U.S. made and are easily cleansed and recertified through the factory or at several U.S. locations.

Contact us for a brochure or more information.

Filling Station



The new X-10 Portable Filling Station complements the entire line of OPT™ less-than-lethal weapon systems. The unit, which stores materials for 12 refills and propellant for 50 or more refills, is about the same size as a hand truck with large 13-inch pneumatic tires. It is balanced to stand in place and can easily be moved up and down ramps and steps. Only 24 inches of vertical space are needed for storage.

Call us for a brochure or more information.

What is OPT™?

Optimum Pressure Technology™ is the result of years of research and working with customers. Original hand-held pepper spray devices used low pressure canisters, producing a single stream. Optimum Pressure Technology™ uses high pressure (550-650 psi) to produce a long-range wide-angle fog that can reach up to 45-60 feet; yet the device is easy to fill and operate.

X-Stream Backpack



The X-Stream is a two-bottle OC-pepper spray compressed air powered ejector weapon designed for use during large disturbances. The two bottles are a breathing air pressure bottle and a chemical storage bottle.

The backpack connects to a handheld spray nozzle via a very flexible two-hose high pressure hose system.

The X-Stream uses Optimum Pressure Technology™ (OPT™) to generate micron-sized fog particles. This pepper spray fog is very effective for controlling combative behavior, stopping disturbances in seconds and reducing the possibility of injuries to officers or combatants.

The X-Stream contains more than 200 chemical shots before refilling, yet weighs less than 25 pounds when fully filled and charged. Call for a brochure or more information.

Pepper Spray Strength Information

You have probably heard lots of different information regarding the *strength*, or *punch*, or *heat* of pepper sprays. We believe that the only accurate way to measure the strength is to use *APPROVED SCIENTIFIC METHODS*.

The measure of the strength of a pepper spray is the percentage of capsaicinoids present in the spray mix. The capsaicinoid level in any product can be measured in the laboratory using an instrument called a High Pressure Liquid Chromatograph (HPLC). Laboratory methods are established by both the Association of Official Analytical Chemists (AOAC), Method 995.03, and the American Spice Trade Association (ASTA), Method 21.3.

Capsaicinoids found in red pepper extract consist of three very similar chemical compounds. These compounds can temporarily produce severe skin irritation, cause the

eyes to slam shut, cause spasms in the lungs, produce uncontrolled sneezing and large amounts of sinus mucus. This combination of physiologically catastrophic events can temporarily incapacitate an individual and eliminate the need for the use of lethal force.

Knowing or specifying the percentage of capsaicinoids contained in a pepper spray mix eliminates the guesswork when you are comparing or evaluating pepper spray effectiveness. For example, a pepper spray containing 0.2% capsaicinoids packs much less *punch* than one that contains .6%. *The good pepper sprays will have the percent capsaicinoid content of the mix printed conspicuously on the label for easy comparison ... as all of ours DO!* For more information about capsaicinoid measurement or Scoville Heat Unit measurements, call us for a copy of our technical note.



P.O. Box 776
Pine Valley, CA 91962

Certification Training

Priax provides the most up-to-date and comprehensive instructor training and certification programs for all the equipment and chemicals we manufacture. The training for our Hydro-Force Series Optimum Pressure Technology™ (OPT™) devices is unique because it combines technical information with hands-on training including in-field refilling and device repair.

Please contact us for more information on instructor certification training.

Us:

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