

# *The Hydro-Force PepperJet OC System*

*By Ken Hubbs*

**T**he X-10 PepperJet system from Hydro Force, is a large (2 liters) cylinder containing Oleoresin Capsicum (OC-Pepper Spray). Combined with a backpack, high pressure hose, and gun-grip handle with replaceable nozzle spray tips, the X-10 is a very large, yet portable OC delivery system.

In testing, this professionally constructed system demonstrated it's versatility in delivering a large number of controllable burst of OC through either a fog or spray tip. The fog tip allows for wide area saturation, while the spray tip gives up to 50 foot spray distance.

#### **Reloadable**

The X-10 system is designed to be quickly and efficiently

reloaded in the field. With the reloading equipment, the X-10 can be refilled with OC and charged up with CO2 and back into action in about 5 minutes. This is a favorable feature during a large civil disturbance.

#### **Up to 200 short bursts**

With just a few minutes of practice, an operator can accurately and consistently get upwards of 200 one half to one second bursts of OC. Each burst contains enough OC to effectively move a large number of persons.

#### **Right or Left hand operation**

The backpack holder along with the swivel regulator and high pressure hose, allow for either right or left hand operations. The unit can be handed off from operator to





The “pressure washer” style spray handle allows for excellent control and maneuverability.

operator without modification.

Handheld Personnel OC sprayers typically are 3 - 4 oz.

Very large bottles ran upwards of 46 oz. Now with just under 80 oz, you have greater capacity and the ability to refill the system quickly in the field.

**40 - 50 feet spray distance**

With the spray tip installed, the X-10 delivers a visible stream out to 40 - 50 feet away in calm wind conditions. When standing even out to 60 feet away, the OC was strong enough to force our testers to move away.

The backpack holds the X-10 securely and comfortably while allowing for the bottle to be quickly removed for refilling.





with a 40 - 50 foot plus range, the X-10 has the ability to distribute it OC over a great range in controlled bursts. Above.

The visible pressure gauge allows the operator to know when its time to refill as well as the condition of bottles during storage. Left.

The backpack system with the X-10 provides for comfortable yet stable control of the system. The hose can be quickly set up for right or left hand operation.



The quick release nozzle system allows for fast and easy changes in spray pattern.