

OC Powder Dispenser



Patent pending

- Optimum Pressure Technology
- Long-lasting powder fog
- Indoor or outdoor use
- Biodegradable

Description

The X-10 OC Powder Dispenser uses the same Optimum Pressure Technology* as other Hydro-Force hand-held devices to produce a high potency pepper spray powder fog that hangs in the air. The powder is suitable for use either indoors or outdoors. However, when used outdoors, the wind direction must be noted so the powder cloud does not drift over the officers. The powder fog has a pronounced effect on the eyes and breathing. When even small amounts of powder are present, the eyes will tear and shut instantly, the nasal passages will close, and breathing will be difficult. Because the powder produces a cloud of very fine material, the cloud will be present for much longer than liquids, which fall out of the air rather quickly.

The proprietary powder formulation is manufactured using food-grade FDA approved and environmentally safe components. Research has shown that the materials are biodegradable, rapidly degrading when exposed to weather and sunlight.

The X-10C cylinder is filled with 135 grams (about 1 cup) of powder material and pressurized to Optimum Pressure with carbon dioxide gas. The powder material contains 10% Oleoresin Capsicum (OC) providing an overall .9% capsaicin content, with an approximate heat value of 135,000 SHU. The X-10 OC powder unit provides approximately 15 powder bursts each containing approximately .9 grams of Oleoresin Capsicum per burst. The X-10C cylinder

* *Optimum Pressure Technology* -- 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 feet, yet the device is easy to fill and operate.

is easily refilled, first by opening pouring one pre-measured powder packet into the cylinder and repressurizing with carbon dioxide gas. The cylinder can be refilled and ready for reuse in approximately 5 minutes.

The X-10 OC powder dispenser uses the same X-10C high pressure chemical cylinders; however, because the OC powder is extremely dry, it cannot be mixed with the X-10 liquid OC materials. If, for any reason, an X-10C cylinder must be changed from powder dispenser to liquid dispenser, or the reverse, the X-10C cylinder must be specially cleaned first. Refer to the maintenance manual for recommended cleaning and drying procedures.

Contact our office for specifications, operation information, and pricing.