



# MK-21

## AEROSOL PROJECTOR

### PROJECTOR SPECIFICATIONS

(Subject to change without notice. All specifications are averages.)

Material:	Aluminum (seamless construction)	
Height:	15.75 inches	40.0 cm
Diameter:	3.12 inches	7.9 cm
Warranty:	2 years from date of manufacture	


**CANISTER:** The aluminum canister holding the formulation is fitted with a discharge mechanism consisting of a spring loaded depression valve, aluminum detachable nozzle, pressure gauge, and Schrader valve. Unit is easily refillable and re-chargeable with the addition of the Schrader valve.

**SAFETY:** A steel “pull ring” type safety pin passes through both the discharge mechanism and the actuator to prevent accidental discharge of the formulation

**LABELING:** Wear and water-resistant labels, individually serialized to permit easy identification, are affixed to all units. Lot numbers for formulation are present for quality assurance tracking.



**FORMULATIONS:** Unit needs pressurization (nitrogen recommended) prior to use.

	First Defense®	Pepper 10™	5.5% Pepper Mace®	5.5% Pepper Mace®	Pepper Foam™	Mace® OC/CN	Mace® OC/CS	Mace® CN	Mace® CS
Delivery System	 HV STREAM	-	-	-	-	-	-	-	-
Propellant	Not Charged	-	-	-	-	-	-	-	-
Formulation Weight	21.0 oz. 595.3 g.	-	-	-	-	-	-	-	-
# of 1-sec bursts	10-12	-	-	-	-	-	-	-	-
Effective Range	25-30 feet	-	-	-	-	-	-	-	-
Part ID	5721	-	-	-	-	-	-	-	-

### TESTING:

MINIMUM OPERATING TEMPERATURE TEST:	California DOJ Test 5.4
STORAGE STABILITY TEST:	California DOJ Test 5.5
LEAKAGE TESTS:	ASTM Method D3094-72
ROUGH HANDLING TESTS:	MIL-STD-331 Tests 102.1, 108, 111
OLEORESIN CAPSICUM ASSAY:	California DOJ Test 5.2.1
DRIVER GAS AND AGENT CARRIER ANALYSIS:	California DOJ Test 5.2.2
MATERIAL DELIVERY TESTS:	California DOJ Test 5.3.1

