

X-CAL™ MACHINE GUN SIMULATOR



The X-CAL machine gun is the only weatherproof (not just weather-resistant) machine gun simulator available on the market today. With the versatility of either mounted or man-carried, the X-CAL does not sacrifice any safety for sound. Standard with every simulator is the ability to choose between different gun platforms; from an M2A1, M107, AK47, M240B, or M4. The X-CAL has the ability to reliably fire 5-10 shots per second utilizing Cold Fire™ technology, for temperature independent operations as well as a single-fire sniper mode. The X-CAL will also provide realistic IR signatures and muzzle flash for any assets being used during a training for Night Ops. The X-CAL also has a remote-control capability of 800m or more. From convoy training to complex attack scenarios, the X-CAL is the most versatile machine gun simulator available.¹



¹ All Explotrain® LLC Battlefield Effects Simulators have an option for New Equipment Training (NET) to enable the user to maximize training effectiveness.

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NSN
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TECHNICAL SPECIFICATIONS

EFFECT	5.56mm, 7.62mm or 12.7mm (.50 cal), single shot or burst (multiple rates)		
USER SELECTABLE FIRING RATES	SWITCH	RATE	# OF SHOTS
	0	N/A	1 (Sniper)
	1	5/sec	4-6
	2	6/sec	4-6
	3	7/sec	4-6
	4	8/sec	4-6
	5	9/sec	4-6
	6	10/sec	4-6
	7	5/sec	7-9
	8	6/sec	7-9
	9	7/sec	7-9 (standard)
	A	8/sec	7-9
	B	9/sec	7-9
	C	10/sec	7-9
	D	5-7/sec	6-12
E	8-10/sec	6-12	
# OF SHOTS	O ₂ — 3,000+		
	Propane — 1,500+		
SOUND LEVELS	5.56mm (.223 cal) 144dB+ Peak		
	7.62mm (.308 cal) 149dB+ Peak		
	12.7mm (.50 cal) 153dB+ Peak		
CONTROL OPTIONS	Hard-wire trigger, X-MIT™ (400 meters), X-LRT™ (800 meters) or X-ACT™ (400 meters) wireless transmitters		
ASSEMBLED FOOTPRINT	WEIGHT	26 lbs. / 11.81 Kg.	
	WIDTH	30 in. / 76.2 cm.	
	HEIGHT	30 in. / 76.2 cm.	
	LENGTH	5.56mm — 50 in. / 127 cm.	
7.62mm — 56 in. / 142.24 cm.			
12.7mm (.50 cal) — 56 in. / 142.24 cm.			
OPERATING TEMPERATURE RANGE	-4° to 140°F (-20° to 60°C)		
POWER SUPPLY	Rechargeable 12V2.3Ah/20HR integral battery		
SYSTEM PRESSURE	45 psi oxygen, 10-14 psi propane		
FUEL	O ₂ — 20 cuft @ 2,215 psi		
	Propane — 16.4 oz. disposable cylinder		
UNIT STORAGE / SHIPPING (IN CONTAINER)	WEIGHT	87 lb. / 39.54 Kg	
	LENGTH	33 in. / 83.82 cm.	
	WIDTH	24 in. / 60.96 cm.	
	HEIGHT	19 in. / 48.26 cm.	
DOD 6055.9 STD and AFMAN 91-201 compliant.			
FCC Part 15.247 compliant			
² With Oxygen cylinder at 2,215psi and full propane cylinder; standard setting			