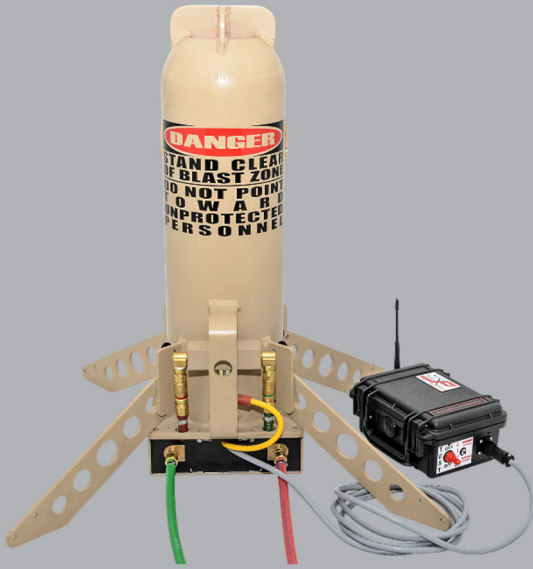


# X-05™ MID-SIZE BATTLEFIELD EFFECTS BLAST SIMULATOR



The Explotrain Model X-05 IED Simulator provides very realistic and effective explosive battlefield effects to safely train our troops. Despite the loudness of the Model X-05, it is safe to use near buildings, windows and personnel.

The sound chamber may be fired in a variety of configurations. In addition, the device may also fire while partially buried or submerged. The ability to conceal the unit so completely allows you to train your troops to react to and detect the hidden threats they will face in theater.

The X-05 offers portable maneuverability without sacrificing sound. At an adjustable 100-125dB (160dB Peak), this simulator will produce audible and haptic effects to create the psychological training scars necessary for effective retention.<sup>1</sup>

<sup>1</sup> 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**  
6920-01-689-5607

## TECHNICAL SPECIFICATIONS

EFFECT	Single shot	
<b>GAS FILL TIMES<sup>2</sup></b>	FUNCTION SWITCH	SECONDS
	2	0.2
	3	0.3
	4	0.4
	5	0.5
	6	0.6
	7	0.7
	8	0.8
	9	1.0 (standard)
	A	1.3
	B	1.6
	C	2.0
	# OF SHOTS	O <sub>2</sub> — 150
	Propane – 50	
SOUND LEVEL	adjustable 100-125dB (160dB Peak)	
CONTROL OPTIONS	X-MIT™ (400 meters), X-LRT™ (800 meters) or X-ACT™ (400 meters) wireless transmitters	
<b>ASSEMBLED FOOTPRINT</b>	WEIGHT	38 lbs. / 17.24 Kg.
	WIDTH	9.2 in. / 23.37 cm.
	LEGS EXTENDED	21.75 in. / 55.25 cm.
	HEIGHT <sup>4</sup>	25 in. / 63.5 cm.
	LENGTH	8.8 in. / 22.35 cm.
	LEGS EXTENDED	21.5 in. / 54.61 cm.
OPERATING TEMPERATURE RANGE	0° to 130°F (-17° to 54°C)	
POWER SUPPLY	Eight (08) AA alkaline 1.5V 1100mAh capacity replaceable batteries (Control box holds 16)	
SYSTEM PRESSURE	70 psi oxygen, 30 psi propane	
<b>FUEL</b>	O <sub>2</sub> – 20cuft @ 2,215 psi	
	Propane – 16.4 oz. disposable cylinder	
<b>UNIT STORAGE / SHIPPING (IN CONTAINER)</b>	WEIGHT	105 lbs. / 47.63 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		
Automatic temperature compensation.		
<sup>2</sup> Fill times affect decibel rating (100-125+ dB) <sup>3</sup> With oxygen cylinder at 2215psi and full propane cylinder; standard setting <sup>3</sup> Internal height of sound chamber 21 in. / 53.34 cm.		