

76 mm Smoke Grenade Launcher System





TDG-76-SGL

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- In modern battlefields, the confidentiality and security of units are among the highest priorities. The Tedeg Smoke Grenade Launcher System is an innovative solution specifically designed to meet this need. Developed for use in both defense and tactical operations, this system effectively obstructs enemy vision, enhancing the strategic advantage and safety of the units.
- The Tedeg Smoke Grenade Launcher System offers extensive range and high capacity, providing operational flexibility. It demonstrates durability and reliable performance even in harsh environmental conditions. This system can be easily integrated into various military platforms, allowing its use in both land and naval vehicles. With its user-friendly remote controller, it offers quick and efficient operation.

Applications

- **Military Operations:** It is an ideal solution for concealing the movements of units and obstructing enemy vision. It provides high effectiveness during both offensive and defensive actions, offering a strategic advantage on the battlefield.
- **Border Security:** Used to ensure confidentiality and security in border areas. It offers a quick and effective response to threats and is effective in preventing smuggling and unauthorized entry during border security operations.
- **Tactical Training:** Can be used to create realistic scenarios and enhance the preparedness level of units in training areas. During training, it allows soldiers to train in environments similar to real combat conditions.



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General Features

High Capacity and Range:

The Tedeg Smoke Grenade Launcher System offers operational flexibility with extensive range and high capacity. The launched smoke grenades quickly cover a wide area, providing effective concealment. It offers an effective range of up to 45 meters, covering the targeted area with smoke and obstructing enemy vision.

Durability and Reliability:

The system's robust construction ensures reliable performance even in harsh environmental conditions. Made from high-quality materials, the Tedeg Smoke Grenade Launcher System is ideal for long-term use. It is resistant to environmental factors and maintains its performance even during prolonged operations.

Easy Integration:

Easily integrated into various military platforms, the Tedeg Smoke Grenade Launcher System is notable for its quick setup and ease of use. Its compatibility with both land and naval vehicles makes it a versatile solution. The integration process is simplified according to military standards and can be completed quickly.

Fast and Efficient Operation:

Thanks to its advanced firing mechanism, the Tedeg Smoke Grenade Launcher System quickly and efficiently launches smoke grenades. This allows for immediate response to operational requirements, providing a strategic advantage. The system's fast firing capability enhances the ability to respond quickly in emergencies.

Advanced Control System:

Equipped with a user-friendly remote controller, the Tedeg Smoke Grenade Launcher System offers precise control during operations. It provides flexible use by switching between manual and automatic modes. The control system facilitates quick and accurate decision-making by operators.

Flexible Protection Angles:

The Tedeg Smoke Grenade Launcher System is designed to cover the desired angle with smoke on military vehicles and platforms. The system can be configured to provide 90-degree, 120-degree, 180-degree, and 360-degree protection. This offers flexible protection angles according to operational requirements.

Multiple Launcher Integration:

The system can be integrated with configurations ranging from a minimum of 4 to a maximum of 16 launchers. This provides a customizable solution according to the scale and requirements of the operation. Each launcher can be effectively controlled and synchronized.

Remote Control:

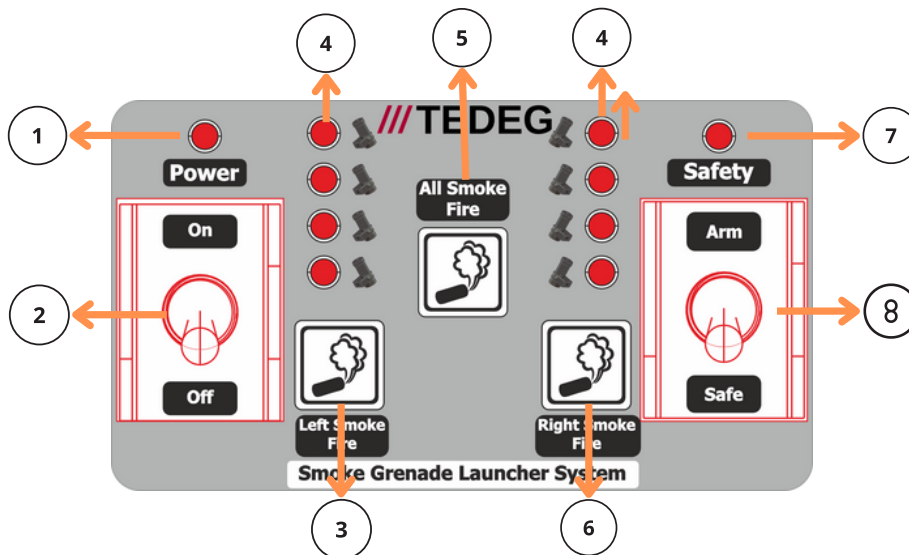
The system is controlled by a remote control unit. The user can fire the launchers individually, in groups, or all at once via the remote controller. This feature allows operators to manage the system from a safe distance.

1	Calibre	76 mm
2	Effective range	30-50 m
3	Length	235±5 mm
4	Weight	2.3 kg ±0.5 kg
5	Power supply	28 VDC nominal (16-32)
6	Power Consumption	120 mA ± 20 mA @28 VDC nominal
7	Power Consumption @Firing Mode	6 A± 2 A @28 VDC firing mode
8	CANBUS (J1939)	Yes
9	MTBF	Minimum,"250,000 hours"
10	Coating	Zinc-Nickel
11	Operating Temperature	-40 °C to +70 °C
12	Humidity	95%
13	Vibration and Shock resistance	Yes
14	Military Condition Resistance"	MIL-STD-461G, MIL-STD-810G, MIL-STD-1275E



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Remote Controller



The Tedeg Smoke Grenade Launcher Remote Control Unit is an advanced system developed for the safe and effective control of smoke grenade launchers on military vehicles. The system is equipped with a CAN Bus communication infrastructure, enabling seamless integration with other electronic systems on the vehicle. The unit is fitted with military-grade connectors and is designed to deliver superior performance even under the most challenging environmental conditions. Its user-friendly and intuitive interface ensures safe and efficient operation by operators, even in demanding operational environments.

1	Power On - Off LED	5	All Smoke Ammunition Fire Button
2	On-Off Switch	6	Right Smoke Grenade Group Fire Button
3	Left Smoke Grenade Group Fire Button	7	Arm/Safe Status Mode Indicator LED
4	Ammunition Indicator (Presence/Absence)	8	Arm/Safe Mode Select Switch



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Cleaning ve Maintenance Kit



Cleaning and Maintenance kit contents:

- Wire Brush
- Hex Key Set
- Ammunition Test Simulator
- Snap Ring Pliers
- Cleaning Brush