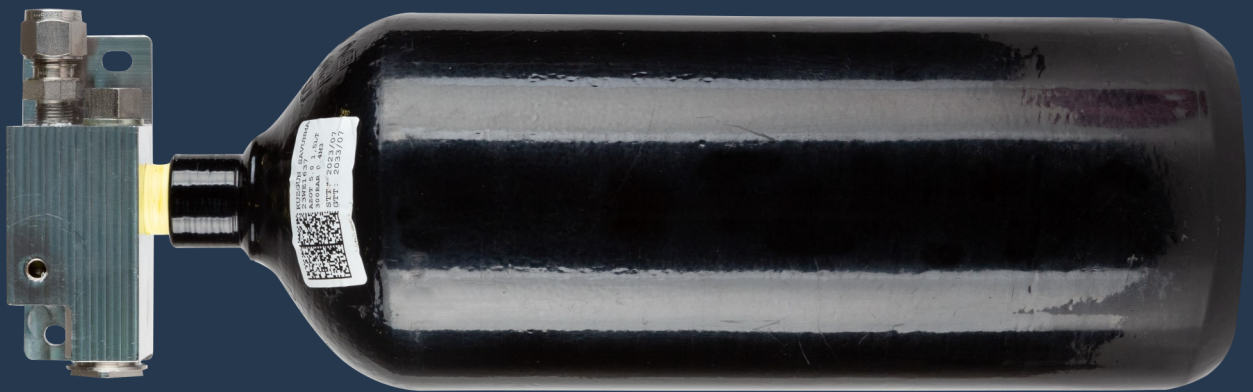
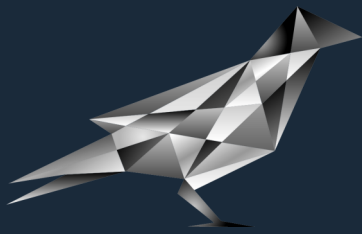


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Pyrotechnic Gas Tank



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Pyrotechnic Gas Tank is a sealed-for-life, one-time use, pyrotechnic actuated gas discharge system used in munitions. It can be used as a Joule-Thompson cooler for seekers as well as a gas actuator mechanism for mechanical motion. The electrical signal provided from the munition activates the pyrotechnic charge and the sealed gas line is opened so that the high pressure Nitrogen gas stored in the gas cylinder discharges rapidly.

General Specifications

Mechanical Interface	2 slotted holes suitable for M5 bolt (can be modified according to customer requirements)	
Electrical Interfaces	Connector	MIL-STD-38999 D38999/26WA98PN-LC (can be modified according to customer requirements)
	Cable	2 core, 20 AWG, shielded cable, 2meters (can be modified according to customer requirements)
	All Fire Current	4.5 A (50 milliseconds)
	No Fire Current	1 A (5 minutes)
Gas Properties	Gas Type	99.998% Nitrogen
	Working Pressure	300 Bar (450 bar test pressure)
	Water Volume	1.55 liters
Operating Time	Initiation Time (time to start discharge)	<100 milliseconds

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