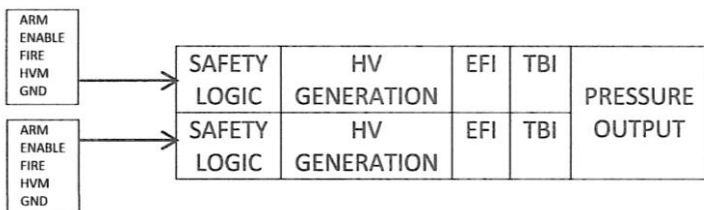


- Assemblies are complete containing two independent safety circuits, two HV generators, two firing switches, two EFIs and a dual TBI.
- Device has common pressure output charge.
- High voltage EFIs are inherently safer than low voltage hotwire devices and approved for in-line use.
- These are a third generation design based on experience with two prior successful ISD designs.
- EFI is qualified to MIL-DTL-23659F, Appendix A.
 - Meets energetic materials requirements of MIL-STD-1901 & MIL-STD-1316 for in-line high voltage devices, (HNS IV, CH-6 & BKNO3)
 - They contain no primary explosives. *There is no ZPP, lead azide or lead styphnate in these devices.*
- Applications include:
 - Solid Rocket Motor Ignition.
 - Pressure cartridge applications requiring high pressure/high temperature seal provided by a solid metal bulkhead in the TBI.
- Also available in smaller, lighter single fireset/EFI/TBI configurations.



Photo of a fired LAT unit.



Export Status	ITAR IV (6)
Thread size	13/16-16 thread
Mating port & O-ring	Recommended port/boss dimensions & O-ring per SAE J1926-1
Electrical connector options	Triple start 38999 type, 10-13 insert, 13 each #23 contacts
Construction	Welded hermetic: 304L stainless housing, glass to metal seals
Operating temperature	-66°C to +85°C (custom temperature range available)
Output closure	Welded stainless
Hermetic seal	1.0 x 10 ⁻⁶ std. cc/sec Helium at 1 atm. pressure differential
Peak Pressure	680-2040 psi in 10cc volume (custom pressure output available)
Post fire pressure capability	>22,000 psi. after passing 10 ⁻⁸ std. cc/sec He
Storage Life	10 years