

FLC 2013 National Meeting Awards Program: 10 Years After 9.25.12**Gunshot Residue Kit Technology**

How does law enforcement know who the shooter was after a crime? The “Instant Shooter ID Kit,” which became available in 2002, was developed by Sandia National Laboratories and Law Enforcement Technologies, Inc. (LET) to make it possible to narrow down the list of suspects after a shooting to those who have recently fired a gun. Sandia’s expertise in trace detection of explosives led to the development of these portable, effective, and inexpensive kits. LET licensed the chemical detection technique that makes the kits possible.

Today, Rapid Identification/Friend or Foe (RIFF™) and Instant Shooter Identification (ISID-2™) gunshot residue kits are being sold by QuickSilver Analytics, Inc., a company which obtained exclusive manufacturing and distribution rights to the products and the underlying technology in 2011 from LET. The ISID-2 consists of the same components found within the RIFF kit, as well as the means to preserve test results for evidentiary analysis.

The RIFF kit is considered a government standard, and agencies including the FBI, ATF, and National Park Service regularly use this kit in domestic investigations, while international clients including Japan, The United Arab Emirates, South Korea, and NATO use the kit worldwide.



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