



# Arson Investigation Tools and Kits

Fire fighters, fire investigators, and arson investigators are faced with some of the toughest scenes to investigate and analyze.

Potential evidence can often be difficult to find and damaged in scenes that might not be safe. With feedback from arson investigators, we've developed many tools to help you find, collect, and preserve evidence in complex, dark scenes.

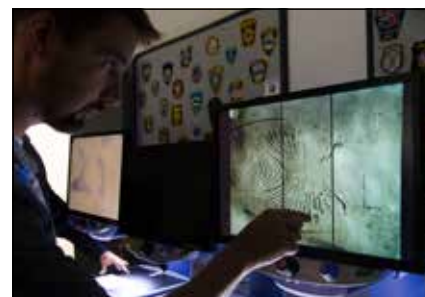


## Evidence Collection Course

Law Enforcement Professionals operate in an increasingly complex environment where budgets are tight, crime scenes are complicated, and the public expects investigations to lead quickly to justice. Our popular Evidence Collection Accelerated Training Class gives you hands-on experience in limited class sizes covering the scientific methods of collection, identification, evaluation, and preservation of physical evidence. Our students love the teach-do method of instruction and take their knowledge back to the field as lifelong Sirchie graduates.

No. CST100

For class schedule or to register, visit [www.sirchie.com/training](http://www.sirchie.com/training).



**Often Bought Together:**  
Indicates items often purchased in conjunction with other items.

## Arson Evidence Collection

### Arson Electrical Tool Kit

Created with input from fire investigators, this kit is perfect for investigating possible electrical causes of fire. You'll also have what you need to test and render safe electrical systems at fire scenes.



#### AET10 Contents:

- 1- Wire Cutter/Stripper
- 1- Multimeter w/2 ea. AAA batteries
- 1- Voltage detector
- 1- Fuse Puller
- 1- Black Electrical Tape, roll
- 1- Plastic Carry Case

No. AET10

Arson Electrical Tool Kit

### Grid Marking Kit

Make your investigation more efficient by conducting a thorough and comprehensive exam of fire and arson scenes. With this kit you can grid off the area and conduct a space by space examination. It will help you in the practice of accurate documentation of evidence and items of interest during your investigation.



#### GMK10 Contents:

- 1- ID Corner Marking Stake
- 40- Standard Marking Stakes w/carry bag
- 1- Fluorescent Twine, 230 ft spool.
- 1- PPS800EM Metal Forensic L-Scale, English
- 1- Hand Magnet
- 1- Claw Hammer
- 1- JC7538 Illuminated Magnifier (batteries not included)
- 1- Compass
- 1- Tape Measure, 2 meter
- 100- ZTE01 Zip-Top Evidence Bags, 4" x 6"
- 100- EIL01 Evidence ID Labels
- 1- Plastic Carry Case

No. GMK10

Grid Marking Kit

## Arson Scene Tool Kit

Conveniently packaged in a tool box, this complete tool kit provides essential support for arson investigation crime scenes. Power and/or manual drilling, cutting and chiseling tools allow for the extrication of even the most difficult to obtain evidence. Protective gloves and disposable clothing are also included.



#### AEC400 Contents:

- 3- SF0072 Disposable Jumpsuit w/hood, large
- 1- CSG1001 Chemical Splash Goggles
- 1- Shovel Folding 23.5" Extended - 9.25" Folded
- 1- Drill VSR 3/8"
- 1- Mason's Chisel, 1.75" x 7.5"
- 1- Knife Putty 1.5" Molded Plastic Handle
- 1- Hacksaw Frame Economy 10"/12"
- 1- Trowel, Mason's Pointing 5"
- 1- Claw Hammer 16 oz. wood handle 13.25"
- 1- Hand Drill Hammer 3# Wood Handle
- 1- Half Hatchet 30 oz. 14"
- 1- Hacksaw Blade 12" 24 TPI
- 1- Star Drill 1/2" x 12" Dasco Pro
- 1- Gloves, Chemical Resistant, black, pair
- 1- Work Gloves, Leather Palm Knit, pair
- 1- Screwdriver Slotted 5/16 x 6" #66
- 1- Screwdriver Slotted 3/8 x 3" #60
- 1- Masonry Drill Bit 5/16" x 4"
- 1- Masonry Drill Bit 3/8" x 4" #6"
- 1- Masonry Drill Bit 1/2" x 4" #6"
- 1- Screwdriver Phillips #2 x 4" #64
- 1- Tongs 15" SS
- 1- Pliers 5" Diagonal Cut
- 1- Pliers Slip Joint 6" Anchor
- 1- Adjustable Wrench 8" Anchor
- 1- Tool Chest 3-Drawer 20" black

No. AEC400

Arson Scene Tool Kit

### Arson Tool Cleaning Kit

It is critically important to keep your tools clean while moving through an arson scene to prevent cross contaminating different areas. This kit was designed with input from fire investigation experts to help you easily and efficiently clean tools. The cleaning pads contain non-petroleum based products that remove dirt, grime, and soot, while the dry towels are non-woven material, ideal for wiping down tool surfaces without breaking apart.



#### ATC100 Contents:

- 1- Arson Tool Cleaning Pads, 100 ea.
- 1- DT999 Precut Towels, 25 ea.
- 1- Water Bottle with squirt tip
- 1- Plastic Carry Case

No. ATC100

Arson Tool Cleaning Kit

### Solid Material Evidence Collection Containers

To preserve solid forms of physical evidence, these container lids have an airtight seal when put in place. This prevents possible accelerants from evaporating when in transport to the lab. Containers without labels and septums are also available with a polymer lining for solvents.



Available with and without rubber septums and labels.



Available with a polymer lining for solvents.

No. AEC00 1 pint w/rubber septum & labels, 10 ea.

No. AECPT 1 pint, 10 ea.

No. AECPTL 1 pint w/polymer lining, 10 ea.

No. AEC01 1 quart w/rubber septum & labels, 10 ea.

No. AECQT 1 quart, 10 ea.

No. AECQTL 1 quart w/polymer lining, 10 ea.

No. AEC02 1 gallon w/rubber septum & labels, 10 ea.

No. AECGAL 1 gallon, 10 ea.

No. AECGALL 1 gallon w/polymer lining, 10 ea.

### Arson Investigation Solid Sampler Kit

This kit contains the right tools you need to remove evidence from the arson scene, including plaster, soot excelsior, wood chips, and soil samples with the containers for contaminant-free delivery to the lab.



#### AEC300 Contents:

- 1- 317P 3" Magnifier
- 1- 606E Evidence Tape, 1" x 500"
- 1- AEC011 Solid Material Evidence Container, 1 Qt
- 1- AEC021 Solid Material Evidence Container, 1 Gal
- 2- AEC203 Glass Jars with Polypropylene Nozecone Cap, 2 fl oz.
- 6- AEC205 Test Tubes, Polypropylene, High-Pressure and Vacuum Filtration
- 6- AEC206 Filters and Closures
- 1- KCP110 5" Scissors
- 1- Putty Knife, 1 1/2"
- 1- KCP142 12" Spoon
- 2- AEC207 Glass jars with Polypropylene Nozecone Cap, 1 fl oz.
- 1- KCP138 5" Disposable Scalpel
- 18- EIL011 Evidence ID Labels
- 1- KCP139 4" Plastic Tweezers
- 2- KCP137 10cc Syringes with Needles, Disposable
- 1- KCP140 Spatula, Stainless, Micro
- 1- KCP141 Prober with Blade, Chrome Steel, 6"
- 6- ZTE011 Zip-Top Evidence Bags, 4" x 6"
- 6- ZTE021 Zip-Top Evidence Bags, 9" x 12"
- 6- ZTE031 Zip-Top Evidence Bags, 13" x 18"
- 1- KCP224 Molded Polypropylene Case
- 1- AEC300C Black, Molded Copolymer Carrying Case, Textured with Handle and Molded Inserts

No. AEC300 Solid Sampler Kit

No. AEC300L Solid Sampler Kit w/polymer lined cans

**Pricing Information:**  
For current pricing visit  
[www.sirchie.com](http://www.sirchie.com), or  
call 800.356.7311



**Often Bought Together:**  
Indicates items often  
purchased in conjunction  
with other items.

### Arson Investigation Liquid Sampler Kit

This kit allows you to extract large and small liquid samples using the included hand pump to collect liquids from up to 10 feet away, syringes to collect samples from cracks and crevices, and petroleum strips and pH litmus strips.



#### AEC200 Contents:

- 1- AEC210 Collection Hand Pump
- 2- AEC211 Collection Bottles with Valve Heads
- 2- AEC212 8 oz. Nalgene Sample Bottles with Screw-On Caps
- 1- AEC213 Transfer Funnel
- 1- AEC201 10' Tubing
- 1- AEC202 5" Tubing Cutter
- 4- KCP320 Vial: 40ml 28 x 95mm Clear Flint Screw Thread 24-400 with Teflon Lined Cap
- 5- AEC206 Test tubes, Polypropylene, Vacuum Filtration
- 5- AEC206 Test Tube and Filter Closure
- 25- AEC208 Strips, Oil-Based Test Paper
- 25- AEC209 Strips, pH Paper, Acid/Base Litmus
- 6- KCP137 Syringe with Needle, Disposable, 10cc
- 4- SM1000SR1 Evidence Integrity Strips
- 10- EIL011 Evidence ID Labels
- 1- AEC200C Black, Molded Copolymer Carrying Case, Textured with Handle and Molded Inserts

No. AEC200 Liquid Sampler Kit

### Combustible Gas Detector

The CGD8800X is a general purpose combustible hydrocarbons detector that may be used for detecting most combustible gases or vapors at suspected arson and fire scenes. This lightweight and fully portable instrument will quickly locate minute concentrations of combustible hydrocarbons and the presence of hazardous vapors at suspect arson scenes to levels as low as five PPM (parts per million).

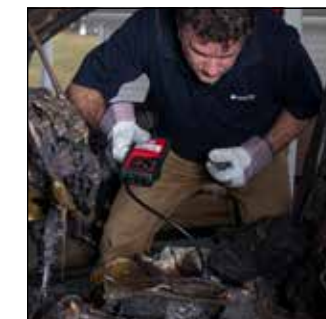
An invaluable tool for many unforeseeable and unexpected situations—no investigative department is fully equipped without one. The CGD8800X

Combustible Gas Detector indicates the strength of the vapor source on an LED-based bar graph display. The unit also emits a clicking signal (similar to a Geiger counter). The frequency of the clicking increases as the concentration of the combustible gas increases. The sensing head is located at the end of a 15" gooseneck-style extension arm that easily folds into the case for efficient storage and transport. The unit comes with a carrying case, rechargeable batteries, a recharger, and 5 each Sirchie Reference Standard Pads for field verification of the unit.



#### Detectable Compounds:

Acetylene, Methyl Chloride, Iso-Butane, Hydro Sulfide, Methane, Acetone, Ethane, Methanol, Propane, Ammonia, Ethylene, Gasoline, Hydrogen, Chlorine, Methyl Ether, Vinyl Chloride.



No. CGD8800X Combustible Gas Detector, 110V

No. CGD8800X220 Combustible Gas Detector, 220V

No. CGD8809 Replacement NiMH Battery Pack

No. CGDREF Reference Standard Pads, 10 ea.

No. CGDCALX Calibration Service for CGD8800X

**Pricing Information:**  
For current pricing visit  
[www.sirchie.com](http://www.sirchie.com), or  
call 800.356.7311



### Arson Evidence Collection Bags

Made from tough, durable 0.002" thick nylon, these evidence bags virtually eliminate the potential for cross-contamination from propellant fumes. Safeguard arson evidence during lengthy storage periods.



No. AEC510C	Arson Evidence Collection Bag, 5" x 10", 100 ea.
No. AEC1218C	Arson Evidence Collection Bag, 12" x 18", 100 ea.
No. AEC2030L	Arson Evidence Collection Bag, 20" x 30", 50 ea.

### Char Depth Gauge

The depth of charring of wood is one indicator as to how long the substance burned, how intense the fire was and may indicate the possibility that accelerants were used when charring is exceptionally deep in isolated areas. The gauge permits rapid, accurate measurement throughout the fire scene and often eliminates having to cut out timbers unnecessarily. It is calibrated in 1/64" increments and measures up to 1" of char depth. It is a necessary aid to any arson investigation kit.



No. CG1000

Char Depth Gauge

### Debris Sifting Screens

Sift through large volumes of potential evidence while eliminating unimportant debris with our newly redesigned Sifting Screens. These screens presort physical evidence to size, while allowing small, insignificant particles to remain at the scene. Made from heavy-duty 18 gauge cold-rolled steel with black wrinkle-finish paint, the redesigned screen now features a base screen with a single insert. Rotating the insert in 90 degree increments creates three opening sizes from 1/8" up to 1/4". Two thumbscrews hold the insert in place and when the insert is removed, the base screen with 3/8" openings may be used. Overall size of the base screen is 18" x 18" and the insert measures 17" x 17".



No. DBS3

Debris Sifting Screens

### Debris Sifting Shovel

This time and labor-saving innovation is a modified coal shovel featuring precision-machined sorting holes that isolate objects greater than 3/8" (1 cm) diameter, while allowing water run off. Sifting through ashes is important because an investigator may find evidence, such as furniture hardware—even when areas have been completely burned. In addition, the absence of some remains may lead to the motive. For these reasons, it is necessary to sift through debris to collect representative samples of solid materials such as wood, ashes, wiring, melted metal or glass.



No. DSS21

Debris Sifting Shovel

## Premier Head Protection

### Premier Riot Helmet Series



900LT Series TacElite EPR  
Polycarbonate Alloy Riot Helmet



906 Series TacElite EPR  
Polycarbonate Alloy Riot Helmet



906 Series TacElite EPR Polycarbonate  
Alloy Riot Helmet with Wire Guard



JCR100 TacElite TCM Fiberglass Riot Helmet



**Premier**  
Riot & Crowd Control

Get premium head protection with our **Premier Helmets**. Designed to be both lightweight and comfortable, our helmets are made specifically for tactical operations that provides protection from impact. Volume pricing and **Complete Premier Riot Gear Bundles** are available and ready to ship.

(800) 356-7311 | [sales@sirchie.com](mailto:sales@sirchie.com) | [www.sirchie.com](http://www.sirchie.com)