



Model C & 850 Arson Investigation Testimonials



Bob Fulton
Deputy Fire Chief
City of Dawson Creek, CA



I am sending this email as a testimonial to the Grace – Model C Hydrocarbon Detector. We have used this on numerous incidents to determine if there was any residual hydrocarbon fuels remaining at Point of Origin following suspicious fires.

The Model C has allowed us to identify fires where an accelerant was present to confirm our suspicions. We have also used the Model C to identify a suspect in an arson fire where we identified a hydrocarbon residue on the clothing and skin on their arms and hands.

We have also used the Model C to confirm a lack of hydrocarbon residue in a vehicle suspected to have been used in an arson fire as an escape vehicle.

We find this to be an excellent tool to assist us in confirming or denying our hypothesis as to cause and origin in our fire investigations.

Major Michael D. McCutcheon II, Fire Marshal
Jeffersonville Fire Department
Jeffersonville, IN



I have three of these units and they all work great when used. They help identify a possible point that may have the presence of Hydrocarbons. It beats just picking a point of interest and scooping up the debris just to say we did so. With the use of the Model C it aids us in better evidence collection based off an instrument specifically designed to detect the presence of Hydrocarbons, instead of an educated guess... Though many times the test results are inconclusive, we feel that we had a better opportunity of getting a positive than a negative result.

Matt Noblitt
Arson Investigator
Columbus, IN



I have been an arson investigator for four years and have investigated over 50 fires for origin and cause. I have used the Electronic nose on every fire that I have investigated in the last two years. I use to utilize this tool when there are factors leading me to believe that a combustible liquid may be present. But I now use it on every investigation just to add the information to my summary report. The department has had two Model C units for over 20 years and they have been a great addition to my investigations and those of my predecessors. For anyone looking for a hydrocarbon detector, I would highly recommend this product.



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Ms. Tammy Sakony
Grace Industries Inc.,
305 Bend Hill Road,
Fredonia, PA, 16124

Dear Ms. Sakony,

Re: GRACE MODEL 851

Thank you for your information on the Grace 950-ASH hydrocarbon detector, I found it most interesting. I have been using a Grace Model 851 hydrocarbon detector since December, 2017. My practice specialises in motor vehicle fires, mostly heavy vehicle, plant and equipment. The need for a hydrocarbon detector came about in late August, 2017, when I was asked to examine a rigid tip truck that had been destroyed by fire, under suspicious circumstances.

Unfortunately, my client took some time to instruct me, which was further hampered by being overseas, myself. When I got to the vehicle, there was a need to take samples for GCMS analysis, but I warned my client that due to the time which had elapsed between the fire and the examination, the samples may prove negative. Four samples were taken, and all returned a negative reading. Although, I had expected this, I was frustrated and felt there had to be a better way to identify hydrocarbons in the field.

I did some research and came across the Grace Model 851 and decided to purchase one. I can now say I am happy that I did. I use the Model 851 to scan the fire scene for traces of hydrocarbons. If traces are detected, then samples are gathered for GCMS analysis. Each time the Model 851 has detected a hydrocarbon trace, the sample has always returned a positive laboratory analysis. By using the Model 851, I have taken the 'guesswork' out of scene examination and reduced the number of useless scene samples to zero.

Yours faithfully,

R.B. McKay
C.ATI, IAAI-FIT (V), M.IAATI, M.NSWAFI, M.IAAAI, M.ANZFSS, J.P.
Managing Director

