



# Technical Bulletin 188

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## Application Kit for Fire Investigation

### Ion Science introduce Fire Investigation Kit

We're pleased to introduce our new Fire Investigation Kit, the first in the series of Application Kits packaged together to provide you with an easy-to-use, application specific solution for VOC detection for Fire and Arson Investigation.

Fire investigation teams are responsible for the examination and assessment of suspected arson-related sites, and further analysis of suspicious samples. Investigators require a solution for the fast discovery of potential arson incident accelerants, and initial crime scene VOC assessment.

The ION Science Fire Investigation Kit includes a Tiger or Tiger LT VOC detector\* for fast, instant readings along with specifically selected accessories and is the perfect tool to aid Fire and Arson Investigation. Utilising the Tiger's fence electrode technology and anti-contamination design, it is the ideal solution for use in harsh, high-humidity environments.

Prior to deployment, users can easily carry out a quick, pre-use check for response using the bump test pen. Once the immediate environment has been investigated for the presence of VOCs, users can then connect a sample bag to the exhaust of their Tiger for collection of the exhausted gas, for further analysis at the laboratory.

#### The Fire Investigation kit includes:

- **Tiger or Tiger LT VOC detector\*** for rapid, accurate response to VOCs
- **1m Flexi-probe** for versatile, practical detection of VOCs in hard-to-reach places

#### For more information contact

E: [marketing@ionscience.com](mailto:marketing@ionscience.com)

T: +44 (0)1763 207206



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- **Bump test pen** for simple, quick reassurance that your detector is responding to the presence of volatile prior to use
- **AA Tiger battery pack** for emergency power source during long shifts or when access to a charging point is not available
- **Charging cradle & travel charge adaptor** for remote charging of your instrument on-the-go
- **Exhaust barb** which can be connected to a collection bag to allow users to collect samples for further lab analysis
- **Quick start guide** for ease of use and no specialised training required
- Spare **PTFE filters (pack of 10)** are provided for quick and simple Tiger maintenance
- **Rugged Carry Case** for easy, secure and robust transportation of the Tiger and accessories

\*Kits can also be purchased individually for use with existing Tiger instruments.

In addition, the Fire Investigation kit can also be purchased with the option for **100 ppm isobutylene gas cylinder** for accurate calibration and verification of instrument performance.

For further information on the Fire Investigation kit and pricing details, please contact [info@ionscience.com](mailto:info@ionscience.com)

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