

## Laboratory Fume Hood Automatic Fire Detection and Extinguishing Systems



FIRETRACE SYSTEMS ARE ONLY AVAILABLE FROM FIRETRACE INTERNATIONAL AND ITS AUTHORISED PARTNERS. THE FIRETRACE BRAND NAME IS ONLY APPLICABLE TO GENUINE FIRETRACE SYSTEMS.  
ACCEPT NO FAKE UNTESTED OR UNAPPROVED COPIES

**Firetrace International**  
15678 N. Greenway-Hayden Loop  
Suite 103  
Scottsdale, AZ 85260 USA  
Tel: (480) 607-1218  
Fax: (480) 315-1316  
E-mail: [firetrace@firetrace.com](mailto:firetrace@firetrace.com)  
[www.firetrace.com](http://www.firetrace.com)

## **Firetrace Expertise The Firetrace Solution**

Firetrace has over twenty years experience protecting Fume Cabinets from fire. In that time our expertise in design and installation has grown and we have saved many installations from possible devastating fire. Firetrace systems are installed worldwide and are specified by the world's leading Pharmaceutical Companies.

### **In a recent series of fires in university labs in the UK, Firetrace has repeatedly saved the day.**

While it is common for Firetrace to receive reports of successful suppression almost daily, we have recently seen an unusually high number of reports from university laboratories. Since December we have seen six reports of fume hood fires: two at Southampton University, three at Oxford University and one at York. In each case Firetrace performed flawlessly, saving the fume cabinet and the lab from extensive damage.

Dear Firetrace,

I would like to say how pleased our Chemistry Department is that we used Firetrace in our solvent fume cupboards. The week before Christmas one of our students made a mistake in setting up one of our stills and unfortunately while distilling the unit went up in flames. Before he had time to panic the Firetrace took over and the fire was out. The result was that not only the department was saved but the fume cupboard as well. Having had a major fire in the department in the past this proved to us to be a very good investment and we will consider having it in all our new fume cupboards.

Yours thankfully,  
T Chamberlain  
Chemistry Department  
University of York

Firetrace's systems are uniquely suited to protect fume cabinets from the danger of fire. The proprietary Firetrace Detection Tubing is installed behind the baffles. As a result, fire can be quickly detected and suppressed regardless of where it begins in the fume cabinet. With more than 10,000 units protected, Firetrace is the leading choice for fume cabinet fire suppression worldwide.

#### **Firetrace International**

15678 N. Greenway-Hayden Loop  
Suite 103  
Scottsdale, AZ 85260 USA  
Tel: (480) 607-1218  
Fax: (480) 315-1316  
E-mail: [firetrace@firetrace.com](mailto:firetrace@firetrace.com)  
[www.firetrace.com](http://www.firetrace.com)

### **Flexible Design – Ultimate Protection**

Firetrace is available with both manual release options and pressure switches to automatically shut off fuel or sound an alarm in the events of a discharge. Firetrace works with a variety of suppression agents to suit the environment and work performed in the fume cabinets including; HFC-227, CO<sub>2</sub>, dry chemical powder, Novec 1230, water and foam.

In two of these incidents a heater caught fire. Lab attendants saw the fire yet before they could retrieve a fire extinguisher the Firetrace system had already operated and suppressed the fire.

## **FIRETRACE**

AUTOMATIC FIRE SUPPRESSION SYSTEMS

**“...not only was the department saved but the fume cupboard as well.”**

**“...before he had time to panic, the Firetrace took over and the fire was out.”**

**Firetrace International**

15678 N. Greenway-Hayden Loop  
Suite 103  
Scottsdale, AZ 85260 USA  
Tel: (480) 607-1218  
Fax: (480) 315-1316  
E-mail: [firetrace@firetrace.com](mailto:firetrace@firetrace.com)  
[www.firetrace.com](http://www.firetrace.com)

*Firetrace Newsflash February 2005*

*Southampton University*

*Suffers two fires in a month*

In both instances hot plates have overheated causing a solvent fire but fortunately both laboratory fume cabinets were protected by Firetrace automatic fire protection systems. On one occasion a laboratory assistant witnessed the incident, but reported that when he returned seconds later with a hand extinguisher the fire was already out.



Laboratory Manager Dr. Kinerson said 'Thanks to the quick reaction of our Firetrace systems. Damage was limited to a few components and a bit of a spring clean. Had the fire spread into our extract ducting, we could have lost the entire laboratory'

International

Hyden Loop  
Suite 103  
5260 USA

tel: (480) 607-1218

Fax: (480) 315-1316

E-mail: [firetrace@firetrace.com](mailto:firetrace@firetrace.com)

[www.firetrace.com](http://www.firetrace.com)