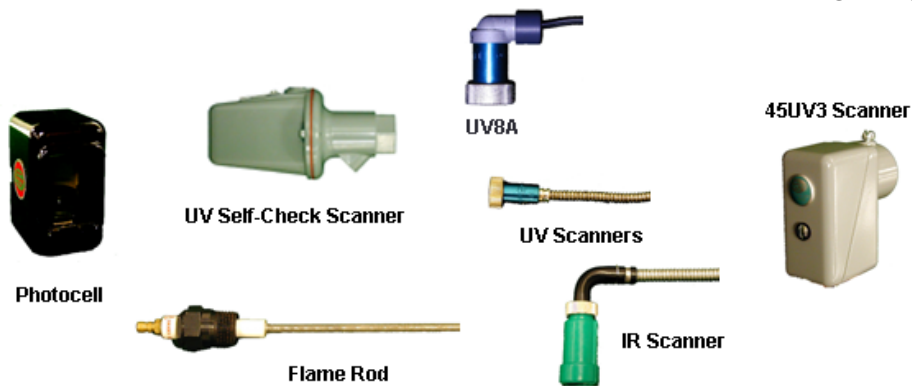




# FIREYE<sup>®</sup> E1R1, EUV1, ERT1 and EUVS4 Flame Amplifier Modules

FOR USE WITH THE  
FLAME-MONITOR<sup>™</sup> CONTROL



Year 2000 Compliant in accordance with BSI document DISC PD2000-I:1998

## DESCRIPTION

The FIREYE E1R1, EUV1, ERT1 and EUVS4 Amplifier Modules are used in conjunction with the FIREYE FLAME-MONITOR system. These modules provide flame scanning using any of the FIREYE AutoCheck infrared scanners, standard ultraviolet scanners, flame rod, photocell and ultra-violet self-check scanners. After scanner selection the proper amplifier module must be inserted in the Flame-Monitor chassis.

**Refer to Fireye Bulletin E-1101 for more detailed information concerning the FIREYE FLAME-MONITOR system and operation. Also, follow the scanner installation and wiring suggestions found in E-1101 for proper flame scanning operation.**

## APPROVALS

UNDERWRITERS LABORATORIES, INC.  
CANADIAN STANDARDS ASSOCIATION  
ACCEPTABLE BY: INDUSTRIAL RISK INSURERS (I.R.I.)  
FACTORY MUTUAL APPROVED



## FLAME AMPLIFIER SELECTION

DESCRIPTION	USE WITH SCANNER
STANDARD UV AMPLIFIER	UV1A, UV8A, 45UV3
AUTOCHECK INFRARED AMPLIFIER	48PT2
AUTOCHECK INFRARED AMPLIFIER (FOR SPECIAL APPLICATIONS ONLY) CONSULT FACTORY	48PT2
RECTIFICATION AMPLIFIER	45CM1, 69ND1
SELF-CHECK UV AMPLIFIER	45UV5-1007/1008/1009
AUTOCHECK INFRARED AMPLIFIER	48PT2

\* The E1R1 is not to be used with solid fuel applications. It is designed for oil fog rejection. The E1R3 is suitable for all fuel applications and *does not* contain oil fog rejection. Equipment should be tested for the proper application of this amplifier to avoid property damages or personal injury.

## FLAME SCANNERS

