



ENGINEERING QUALITY AND RELIABILITY

FT194 FLAME DETECTOR TEST LAMP

FOR UV/IR FLAME DETECTORS

FOR NON-HAZARDOUS APPLICATIONS



FEATURES & BENEFITS

- For non-hazardous use only
- Emits UV and IR radiation similar to that produced by a real fire
- Activates UV/IR flame detectors as far as 5 feet or 1.5 meters away
- Sapphire lens
- Highly portable
- Rugged and lightweight anodized aluminum housing
- Momentary On-Off switch to conserve power
- O-ring seals provide moisture resistance
- Available with standard "D" cell batteries or rechargeable batteries with 120 volt or 240 volt battery charger
- Carrying case included
- 5 Year Warranty
- Made in USA

The SST Model FT194 Flame Detector Test Lamp is a specifically designed portable source of ultraviolet (UV) and infrared (IR) radiation for testing Safety Systems Technology's UV/IR flame detectors. The unit emits a wide band of UV radiation which includes the region of 1850 to 2450 Angstrom and IR radiation which pulsates at a slow rate to simulate the "flicker" in a real fire. Also housed inside the housing is the state-of-the-art electronics module that allows the unit to simulate a real flame. The test lamp uses a highly specialized lens which allows transmission of the UV and IR radiation and functions on internal batteries which, when fully charged, will allow operation for an extended period of time. The batteries may be either the standard disposable size "D" batteries or can be ordered with rechargeable type which includes either a 120 volt or 240 volt charger and carrying case. The unit has an operating range of 5 feet or 1.5 meters from the detector.

The Model FT194 Flame Detector Test Lamp is intended for use in non-hazardous applications. Therefore, do not operate the test lamp or the battery charger in any location where combustible gases, vapor or dust is present. Also, do not change batteries or depress the on/off switch in any location where potentially explosive atmospheres exist. Always handle the test lamp with extreme caution to prevent damage to the special lens.

CONTENTS OF TEST KIT



The FT194 Flame Detector Test Kit includes the following:

- FT194 Test Lamp
- Standard "D" cell batteries
- Or rechargeable batteries with either a 120 volt or 240 volt battery charger
- Carrying case



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MODEL FT194 UV/IR FLAME DETECTOR TEST LAMP

SYSTEM SPECIFICATIONS

UV Output:	Full range 1850 to 2450 Angstrom
IR Output:	4.3 microns switched at 2 Hz rate
Operating Range:	5 feet (1.5 meters)
Operating Time:	Approximately 40 hours with new set of batteries
Warranty:	5 years

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature:	32°F to 158°F (0°C to 70°C)
Operating Humidity:	0-100% RH, non-condensing
Ingress Protection:	IP64

MECHANICAL SPECIFICATIONS

Dimensions:	14.62 inches long x 2.25 inches diameter (371 x 57 mm)
Weight:	2.5 lbs. (1.134 kg)
Housing:	Aluminum

ORDERING INFORMATION

Part No.	Description
194-1	Model FT194 Portable UV/IR Flame Detector Test Lamp with rechargeable batteries, 120 volt battery charger, and carrying case
194-2	Model FT194 Portable UV/IR Flame Detector Test Lamp with disposable standard "D" cell batteries and carrying case
194-3	Model FT194 Portable UV/IR Flame Detector Test Lamp with rechargeable batteries, 220 volt battery charger, and carrying case



Specifications subject to change without notice.

