

S-Quad Self-Test Fire Alarms

This self-test patented design performs real sensor tests by heating the heat sensing thermistor and generating real aerosol (smoke) to test the optical sensor. The small fan within the device gently blows the aerosol from the detection chamber, through the detector's smoke entry points, into the room. This method simulates a more realistic fire test than many traditional testing methods, ensuring that the smoke entry points are not blocked and able to detect a real fire. Each device also incorporates Bluetooth low energy (BLE). When activated, BLE acts like a beacon in each detector that can be automatically detected by a mobile device using the CLSS app. This has many helpful features such as finding a device automatically, ensuring the device details are correct and proving that an engineer has been within the visual inspection range.



APPROVALS

- Approvals - EN54, LPCB, UKCA and CE.
- The first detector to ever be EN54 tested and approved after the completion of heat and smoke maintenance testing.
- Compliant to BS5839-1 testing standards.

Key Points

1. Minimize operations disruption during compliance testing.
Devices at spaces difficult to reach can be tested from a distance.
2. Ideal for hospital operation rooms, sensitive material areas & difficult to reach spaces.
3. Safer than ever test and inspect process.
4. The system remains fully operational the entire time that the test is being conducted.
5. The alarm is raised if a real fire incident occurs during testing.
6. Command & control via CLSS mobile app.
7. Design For 100 Self-Test Operations:-
 - 25 Years Life For Quarterly Test Requirement
 - 50 Years Life For Semi-annual Test Requirement
 - 100 Years Life For Annual Test Requirement

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