



Honeywell Air Sampling Devices



Frequently Asked Questions

Q Is a laser-based light source the best detection medium in an ASD based product?

A Laser based systems replaced the original Xenon based ASD systems and gave an advantage of improved sensitivity, range, stability and reliability. However, a Laser based light source is now 15 year old technology. The Morley-IAS by Honeywell ASD detector utilises the latest High Powered LED technology. This provides a wider spectrum of detection capability and allows the detector to operate in a temperature range of -40 to +60 degrees.

Q How do I confirm that the Pipework design, layout and size of sampling holes will ensure that the detectors will work and detect smoke?

A The detectors and the Pipework Express design tool have been tested and approved to EN54 part 20 to ensure that the proposed system meets the required classification (A, B or C). Pipework Express limits the number of sample holes available in any particular pipe configuration and dependant on the classification specified will also recommend the detector sensitivity required.



