

Industrial Flame Monitoring



If a pilot fires, and flame is lit, and there is no one there to see it does it in fact exist? It does if it is being overseen by an Industrial Flame Monitoring system. These systems are put into place to keep an eye on the industrial burner flames to verify that all systems are firing as planned and to prevent any costly mishaps. They use UV (ultraviolet) and IR (infrared) sensors to detect the flame and contain rugged signal processors, making them suitable for harsh industrial environments.

Honeywell IFM

Honeywell offers a reliable, durable, and flexible solution for the most challenging applications and toughest environments. The Industrial Flame Monitoring (IFM) products are designed for the highest level of function and flame discrimination. Remote configuration, monitoring, and diagnostics, as well as multiple sensor options are all available.

Honeywell's Industrial Flame Monitoring systems use shutterless UVTron with pulse technology. UVTron based systems are not adversely affected by gamma and x-rays making them ideal for flame monitoring in the toughest environments. Multiple sensors operating independently provide monitoring of difficult flames and provide high level of discrimination.

The IFM products are all well suited for a wide range of applications:

- Power Generation
- Industrial Water Tube Boilers
- Process Heaters
- Oxidizers
- Flares
- Heat Treating
- Manufacturing

Honeywell U2S

The U2S series is an all-in-one integrated processor and viewing head system which is uniquely suited for single or multi-burner, multi-fuel, and difficult flame detection application. The all-in-one solution eliminates the need for a separate processor which saves on cabinets and wiring. Multiple models and sensor options meet difficult flame monitoring applications requiring a high level of discrimination.

Why use U2S?

- All-in-one design
- Requires no panel space
- Class 1 Div. 1 & 2 Models
- X-ray immune
- Intuitive touchscreen user interface
- Able to be password protected
- Multiple sensor options for all fuels



If you have questions or need assistance on an upcoming application please contact your local GTH sales office.



Industrial Flame Monitoring Brochure



GTH is the Honeywell Channel Partner of the Year



Honeywell Flame Monitoring Products