




# IRIS



## IRIS GE AND GHE SERIES IGNITORS For Flare Stacks, Boilers and Furnaces



-  **High Energy**
-  **Gas / High Tension**
-  **Gas / High Energy**

The IRIS High Energy Ignitor is a non fouling high energy device, designed to directly ignite all liquid and gaseous fuels.

# IRIS HIGH ENERGY / HIGH TENSION IGNITORS

The **HIGH ENERGY IGNITOR** has proven to be superior in the following applications:

## Flare Stacks:

- Reliable
- Maintenance Free
- Non Fouling

## H2S and Various Pressure Vessels:

- Easily Installed
- Maintains vessel integrity

## Tall Gas Incinerators, Heaters and Power Boilers:

- Non Fouling
- Maintenance Free
- Easy to install



## THE IRIS HIGH TENSION GAS ELECTRIC IGNITOR

The IRIS High Tension Gas-Electric Ignitor was designed to provide reliable ignition and or warm up when and where required. It can be applied to boiler applications from industrial to utility lime and cement kilns, heaters etc. The multi-stage ignition will provide a dependable and reliable source of ignition when ever called upon regardless of the conditions.



### APPLICATIONS:

- Gaseous Fuels
- Liquid Fuels
- Solid Fuels Light-off and Warm-up
- Main Flame support

### FEATURES:

- Multi Stage Ignition
- Class 1, Class 2 or Class 3
- Stainless Steel Pilot Nozzle
- High Tension Model: 10,000 Volt Output
- High Energy Model: 12 Joule Output produces 4-6 pulses per second

### DIMENSIONS:

- 2 7/8 inch OD nominal with length to suit.
- 1 7/8 OD nominal, High Energy only.

### OPTIONS:

- High Energy 2, 4 or 12 Joule
- Explosion Proof
- Auto-Retraction
- Flame Rod , Optical Detectors or Fiber Optics

### CAPACITIES:

- 250,000 BTU/Hr to 10,000,000 BTU/Hr.

### OTHER MODELS:

- High-Energy Direct
- High-Energy Light Oil 1,000,000 to 40,000,000 BTU/Hr.
- High-Energy Gas 1,000,000 to 10,000,000 BTU/Hr.

For more information, please contact:

**IRIS**   
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#### *Sales and Applications*

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