

Gas Igniters GHE

Continuous operation, high energy spark Ignitor to directly ignite all gaseous fuels for smaller 1-3MMBtu/Hr Capacity.

Overview



Designed for continuous operation, GHE igniters are non-fouling, inextinguishable, high-energy igniters. The self-cleaning igniter spark tip reliably ignites fuels regardless of accumulated hardened oil and debris on the tip. Three stage ignition and internal mix technology allow for consistent operation, which overcomes problems associated with external mix that are ambient temperature dependent. GHE igniters are the ideal choice for high energy output and reliable ignition.

Features & Benefits:

- GHE gas igniter system consists of a custom length igniter system, power pack and interconnecting HT cable
- Multi stage ignition and stainless steel pilot nozzle
- Self cleaning spark tip will work with accumulated hardened oil and other debris accumulated on tip
- GHE1-3 has flanged connection and GHE2-5 has quick disconnect or flanged connection
- Quick disconnect for HT line
- Optional NEMA 12, 4, or 4X cabinet available for power pack
- Power pack is available in 110 or 220 VAC input
- Optional optical flame monitoring

Specifications

DIMENSIONS & SIZE SPECIFICATIONS

Nominal Outer Diameter

- 2-7/8 in OD (standard), 1-7/8 in OD (High Energy only)

IGNITION, FLAME & SUPERVISION SPECIFICATIONS

Multi-Stage Ignition

- Class 1, Class 2, or Class 3 ignition

Flame Detection

- Flame rod, optical detectors, or fiber optics

Ignition Type

- High Energy (12 Joule), High Tension (10,000 Volt Output)

DIMENSIONS & LENGTH SPECIFICATIONS

Ignitor Length



- 2 to 10 feet (in 1-foot increments)

PROCESSING & PERFORMANCE METRICS

Capacity Range

- 250,000 to 10,000,000 BTU/hr (70 to 2900 kW)

PRODUCT OVERVIEW & CLASSIFICATION

Construction

- Stainless Steel Pilot Nozzle

APPLICATIONS & COMPATIBILITY

Applications

- For Flare Stacks, H₂S and Pressure Vessels, Tall Gas Incinerators, Heaters, Power Boilers; For Gaseous fuels, Liquid fuels, Solid fuels (for light-off and warm-up), Main flame support

CONTROL, LOGIC & SYSTEM BEHAVIOR

Pulse Rate

- 3 to 5 pulses per second (High Energy)

Filters

▼ CATEGORY

☒ Spare Part

▼ TYPE

☒ GHE Igniter Parts

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Part Number	GT-LITE
Description	IGNITOR SPARK TIP / PROBE, 12"X 1/2" OD
Category	Spare Part
Type	GHE Igniter Parts
	Order Online
Part Number	IGN-CPC-LB
Description	IGN PRB LB BOX W/CANNON PLUG RCPTCL
Category	Spare Part
Type	GHE Igniter Parts
	Order Online
Part Number	POWERPACK-12-CS
Description	IGNITOR 12 J POWER PACK CSC156-301
Category	Spare Part
Type	GHE Igniter Parts
	Order Online
Part Number	SPARK
Description	I-1523 SPARK GAP FOR POWERPACK-12
Category	Spare Part
Type	GHE Igniter Parts
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Product Number



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GT-LITE

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SPARK

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