

DATASHEET

13E2 Gas Turbine Ignition Systems

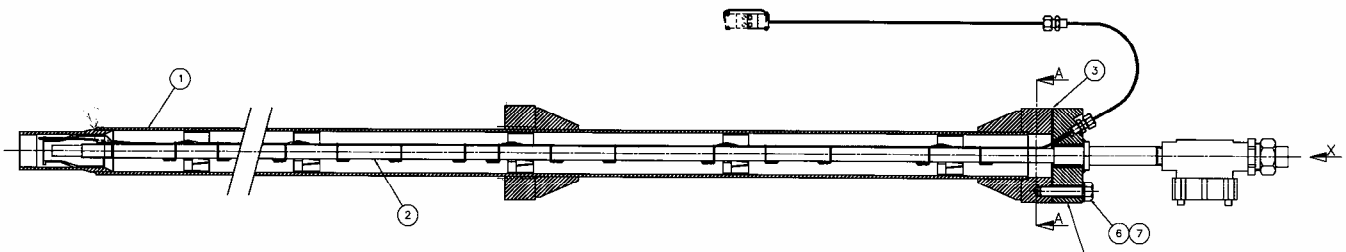


Hamworthy Combustion has developed a gas / air ignition system for the 13E2 gas turbine. The GT igniter is much more reliable and much easier to change than the original OEM supplied unit.



Key Features

- Increased operating envelope due to balanced air and gas pressures
- Dual redundant thermocouples for increased reliability
- Thermocouple within the pilot removes the chance of damage due to fretting
- Designed so that piping to the gas burners does not require moving during igniter replacement
- Gas burner propagation greatly increased
- High energy spark giving 100 x more energy than HT spark
- Electrode energy resistant to the effects of a blade wash
- **CE**
- Easy retrofit into existing plant
- Very stable flame
- Proven exceptional performance



Hamworthy 13E2 GT Igniter cross section

Standard Supply

- Pilot
- High energy electrode
- High energy control box
- High energy connection cable

Specification

- Size -100kw
- Approx. flame length -1 – 1.5m
- Weight - 25kg
- Materials - Stainless steel

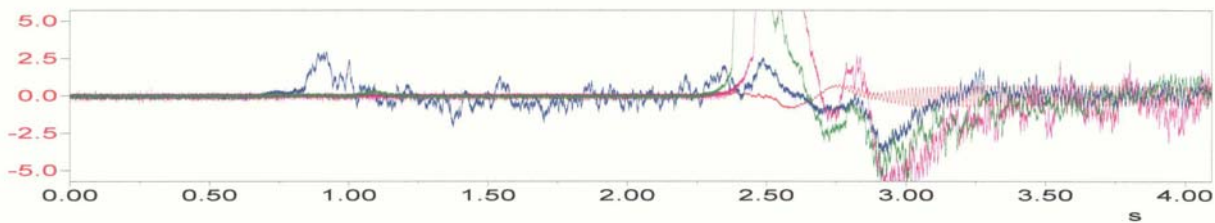
Related Questions

- What ignition fuel do I use?
- What fuel pressures do I have?
- How do I integrate into my existing controls system?

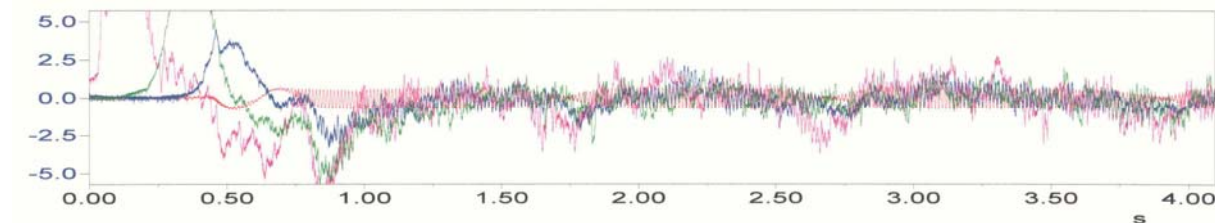
Other Hamworthy Combustion Services

Related to this product

- Complete bespoke Burner Management Systems
- Burner flame detection systems
- Fuel valve trains
- Complete turnkey service
- After sales back up



Flame detection speed with OEM igniter



Increased flame detection speed with Hamworthy Igniter

For further information on combustion equipment please contact the head office:

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Hamworthy Combustion Engineering Limited reserve the right to make changes and improvements which may necessitate alteration to the specification without prior notice

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COMBUSTION

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