



vibro-meter

IGNITION PRODUCTS

Vibro-Meter UK ignition products offer low voltage, high energy igniters and complementary ignition leads for gas turbine engines. The modern gas turbine engine is continuously challenged to provide higher thrust ratios at lean fuel consumption. Vibro-Meter UK ignition technology maintains pace with these demands using material development and innovative designs. Operationally, the need for continuous ignition capability is increasing. Our unique semi-conductor materials reduce spark erosion, extending igniter life.

Features

- Patented semi-conductor materials
- Low erosion rates
- Extended operational life
- Improved continuous ignition performance
- Universal selection of accessories covering
 - leads
 - connectors
 - cable end fittings

Applicable to all gas turbine engines operating high energy ignition systems



Vibro-Meter, leader in condition monitoring on land, sea and air.

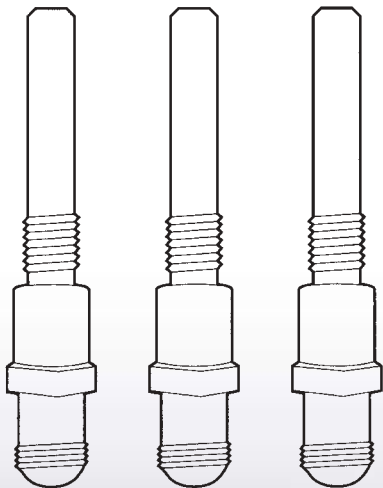
New igniter development

A new igniter development from Vibro-Meter UK has extended life at high temperatures and pressures.

The IHTP 2000 Series igniter was developed to ignite the latest high specification series of gas turbines with innovative design and selection of durable materials. Vibro-Meter UK offers engine manufacturers and operators the benefits of high endurance and reliability, coupled with extended operating life at higher combustor temperatures and pressures.

Igniter resources and facilities

Comprehensive manufacturing and testing of all igniters is conducted within the factory. Igniter sparking chamber and environmental facilities allow complete process from design through to manufacture, type testing and final release to customer.



IHTP 2000 Series igniter

Key characteristics

Voltage and energy parameters:	Typically operates between 2-10k volts and offers energy output between 2-12 joules
Spark rates:	Over 250,000 sparks at a rate of 100 sparks/min during continuous ignition
Operating environment:	Designed to function in combustor temperatures and pressures exceeding 1100°C and 600 psi
General characteristics:	High thermal stress tolerance Oxidation resistant Secondary retention design features Leak-proof/gas tight construction

