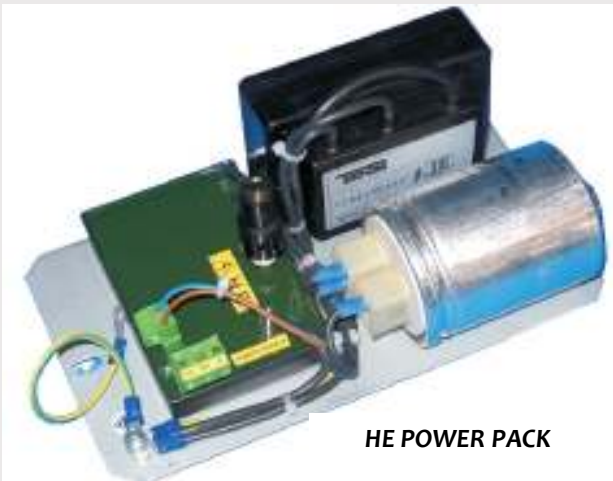




HIGH ENERGY IGNITION SYSTEM



HE POWER PACK

Tesi's High Energy Ignition System can be used to directly ignite oil and gas burners. As a Class 3 Igniter, the output energy of up to 18 Joules provides powerful sparks up to 3MW with a rate of 2-6 sparks/sec that ensures a successful ignition nine time out of ten.

Tesi's High Energy system can be utilized in both Safe and Hazardous areas. The main components for both applications consist of a Power Pack unit installed in an enclosure box suitable for wall mounting, a High Energy rod complete with a replaceable spark tip and an high voltage connecting cable. Standard production consists of a rigid ignition rod, but a flexible configuration can be realized for tilting tangential applications.

High reliability

The powerful sparks ensure ignition in all conditions and environments with no risk of failure due to contaminants or humidity.

Low maintenance

Self-cleaning spark tips guarantee successful ignition. In fact the high power of the spark cleans the surface of the tip during every ignition.

Strong design & low voltage

Solid design and low voltage allow the operator to handle the rod quite easily during maintenance with no risk of breaking the insulators and avoiding dangerous electric shock.

Easy & Fast maintenance

Spark tips screw onto the end of the rod can be replaced quite easily, reconditioning the system very quickly and reducing costly down time.

Accessories & spare parts

A wide range of accessories and spare parts on stock can be quickly supplied and allows for customization of the systems according to customer specification..

RANGE OF HIGH ENERGY POWER PACKS

TYPE	ENERGY	MAIN INLET VOLTAGE	INPUT POWER
XEC18-H	18 J	115/230 Vac	60 w
XEC36-H	36 J	115/230 Vac	80 w
DIMENSIONS:		235x135x110(h) mm	
DUTY CYCLE 33% :		20 SEC ON 40 SEC OFF max 3 times	

DATA SUBJECT TO CHANGE WITHOUT NOTICE



XEC-BH

Fixed and portable systems can satisfy even the most critical applications for hazardous areas IIC Ex d IIB T5 IP54



XEC-TH

Fixed and portable systems can satisfy even the most critical applications for safe areas IP65



XEC-CH

Fixed and portable systems can satisfy even the most critical applications for hazardous areas IIC Ex d IIC T5 IP66

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