Tesi Solid State spark gas circuit is the most recent product in the ignition range. It is **100% electronic** and features an innovative technology which makes it the **MOST POWERFUL** ignition device available on the market.

**FEATURES**

**EXTREME POWER:**
from 144 Watt (Joules per sec) to 250 Watt of delivered power

**MAXIMIZED OPERATIONAL LIFE:**
sparks persist on the tip 20 times more (>600 μs).
Since a greater persistence of the spark usually causes faster wear for normal tips, the system comes with heavy-duty tips, which tests indicate to have an average life of 1.5 million sparks.

**EASE OF LIGHTING:**
other solid state power unit can light all kind of Heavy Liquid Fuels in an extremely more effective way

**CONSTANT SPARK FREQUENCY:**
due to extremely customized power module designs

**ENHANCED DURABILITY:**
no wear

**HIGH SAFETY:**
built-in red light flashing until capacitor holds residual charge

**BACK UP SPARK GAP:**
allows to never stop the unit even in case of failure

**AUTO PROTECTION:**
in case of capacitor failure, spark tip damage/failure or ignition cable breaking, output shortcut, solid state module fault, transformer over-heating.

**RETROFIT & UPGRADE:**
Designed to operate jointly with XEC24 power unit (see next page), the solid-state circuit offers the possibility to upgrade an existing system with a gas spark gap.

**MAINTENANCE FRIENDLY:**
also thanks to an optional built-in spark counter available

**ENCLOSURES**

Tesi ignition systems feature a high flexibility of applications, both in safe and hazardous areas.
According to the areas where ignition systems shall be installed, Tesi can provide **POWER UNITS IN DIFFERENT TYPES OF ENCLOSURES**, suitable for **potentially explosive atmospheres (ATEX classified):**

**XEC SYSTEM WITH EJB ENCLOSURE**
Fixed and portable systems that can satisfy even the most critical applications for **hazardous areas**

II2G Ex d IIB T5 IP54

**XEC WITH GUB ENCLOSURE**
Fixed and portable systems that can satisfy even the most critical applications for **hazardous areas**

II2G Ex d IIC T5 IP66

**XEC WITH SA ENCLOSURE**
Fixed and portable systems that can satisfy even the most critical applications for **safe areas**

IP65