

High Energy Battery Operated Portable Igniter Model XE18PBA04 II2G Ex d IIC T5 IP65



Fitted with internal
12 V 3.6Ah
rechargeable battery
and built-in
automatic charger

TESI's portable ignition unit is designed to ignite burners without an individual pilot torch or electrode assembly.

The high energy portable unit is also ideal in an emergency situation. For instance, if the main burner's ignition unit fails, the Tesi unit can ignite the burner without needing to be linked to the main power supply.

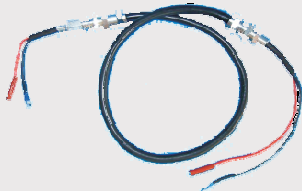
The unit delivers an output energy of 18 Joules/s
Suitable to ignite heavy oils and is not affected by dust, crust, or humidity.

IGNITER

Stainless steel construction
Operating temperature 760°C (1000°C Max)
Weight: 0.8 Kg for each meter of length
Length customizable based on customer specification
HE tip is easily replaceable
Diameter 17 mm (12/14 mm upon request)
Rubber handle 150mm (std) or optional 90° handle.
Optional adjustable stopping flange.
Electrical connection of aluminium alloy
Junction box Ex d IIC IP66 (included)



CONNECTION CABLE



Flexible stainless armoured cable
External silicon rubber insulation
½" NPT straight fittings
Operating temperature of -20°C to +60°C
(silicon cable only of -40°C to +180°C)
Weight: 0.4 Kg for each meter of length
Length customizable based on customer specification

TECHNICAL DATA

POWER SUPPLY UNIT

INPUT VOLTAGE:	12 Vdc
OUTPUT VOLTAGE:	1400 Vdc
OUTPUT ENERGY (per Spark):	18 J
SPARK RATE:	4 Sparks/second
INPUT POWER:	21 W

BATTERY CHARGER

INPUT VOLTAGE:	115 or 230 Vac @ 50 Hz
RECHARGE OUTPUT VOLTAGE:	13.5 Vdc

ENCLOSURE

PROTECTION CLASS:	II2G Ex d IIC T5 IP65
MATERIAL:	Aluminium Alloy
DIMENSIONS:	355x270x165
WEIGHT:	10 Kg

DATA SUBJECT TO CHANGE WITHOUT NOTICE

XE18PBA04en Rev.01



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