

SPI

Smitsvonk Portable Igniter



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This durable and lightweight portable high energy igniter is especially intended for the ignition of a high number of small gas burners, as found in furnaces of the petrochemical industry.

The portable ignition device consists mainly of two parts:

One part is the ignition lance with a convenient grip for proper handling during operation. The ignition lance is connected to the second part – the ignition unit – by a sturdy but flexible high voltage cable. The ignition unit has a main switch and a ready to hand push button to operate the ignition device trouble-free.

For easy carrying the ignition unit is supplied with a hard-wearing shoulder belt. The complete set-up of electronic and battery is housed in a durable and handy enclosure. The integrated battery pack with a well dimensioned capacity allows a continuous use of up to three hours before a recharge becomes necessary.

Features + Benefits

- ▶ Compact and lightweight design for easy use
- ▶ Convenient set-up for one-person-operation
- ▶ Non-wearing electronic design for continuous reliable function
- ▶ Battery operated for mains-independent operation
- ▶ LED-indication of battery status for direct control

Applications

Direct spark ignition of gaseous fuels

- ▶ at industrial burners in absence of integrated igniters
- ▶ at pilot burners without electrical ignition



Facts + Specifications

Ignition unit	
Ignition voltage	2000 V
Ignition energy	2 J/spark
Ignition frequency	3 sparks/second
Operating time	max 3 hours
Perm. ambient temperature	-20 ... 60 °C
Protection	IP66
Display	LED indication for battery status
Dimensions	120 x 220 x 90 mm
Weight (incl. lance, 1 m)	4.4 kg

Integrated battery pack	
Power supply battery charger	90–264 VAC, 47–63 Hz
Battery capacity	2.6 Ah
Battery charge time	appr. 3 hours

Ignition lance	
Max temperature ignition tip	600 °C (for short service 800 °C)
Operational life time ignition tip	1 Mil. sparks
Lance length	500 ... 2000 mm (grid dimension 100 mm)
Lance diameter	15 mm
Options	Reduced diameter (12 mm), flexible or bended lance tube



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