









Pilot Torches and Gas Fired Igniters

Product Range

TeSi[®]

PILOT TORCHES AND GAS FIRED IGNITERS PRODUCT RANGE

PRODUCT FAMILY	DIAMETER	CONFIGURATION	MAX HEAT RELEASE	CODE REF.	INSTRUMENTATION	FUNCTION
	15 mm	Self Inspiring Air (Venturi)	2 kW	TP15/L*/V	HV monoelectrode	Ignition Ignition + Ionization
		Inflated Air	2 kW	TP15/L*	HV monoelectrode	Ignition Ignition + Ionization
	25 mm	Self Inspiring Air (Venturi)	4 kW	TP25/L*/V	HV monoelectrode	Ignition Ignition + Ionization
		Inflated Air	4 kW	TP25/L*	HV monoelectrode	Ignition Ignition + Ionization
	32 mm	Self Inspiring Air (Venturi)	45 kW	TP32/L*/V	HV monoelectrode HE electrode Ø 12-14 mm	Ignition Ignition + Ionization
		Inflated Air	45 kW	TP32/L*	HV monoelectrode HE electrode Ø 12-14 mm	Ignition Ignition + Ionization
	38 mm	Self Inspiring Air (Venturi)	120 kW	TP38/L*/V	HV monoelectrode HE electrode Ø 12-14 mm	Ignition Ignition + Ionization
		Inflated Air	120 kW	TP38/L*	HV monoelectrode HE electrode Ø 12-14 mm	Ignition Ignition + Ionization
	60 mm	Inflated Air	250 kW	TP60/L*	HV monoelectrode	Ignition Ignition + Ionization
					HV electrode + Ionization rod	Ignition + Ionization
					HE electrode	Ignition
					HE electrode + Ionization rod	Ignition + Ionization
	76 mm	Inflated Air	600 kW	TP76/L*	HV monoelectrode	Ignition Ignition + Ionization
					HV electrode + Ionization rod	Ignition + Ionization
					HE electrode	Ignition
					HE electrode + Ionization rod	Ignition + Ionization

* Length on demand

ACCESSORIES

Venturi system
to inspire air.

Flanges
All Tesi pilot torches can come fitted with custom flange systems, chosen according to customers' specifications, requirements and applications.



Retraction Devices
Tesi can provide side or coaxial retractable pneumatic devices protecting tips from dirt and flames once sparking is finished.



Scanner Amplifier
Customers can choose to replace the ionization rods only with UV or IR scanner amplifiers available on the market.

FEATURES

High reliability
The powerful sparks ensure reliable ignition in all conditions and environments, removing any risks of failure due to contaminants or humidity.

Low maintenance
Tesi self-cleaning HE spark tips guarantee a successful ignition while reducing maintenance efforts. The high power of the sparks cleans the surface of the tip during every ignition. Igniters and flame ionization electrodes can be easily disassembled, without pulling out the entire pilot.

Easy tip replacement
Being HE spark tips screwed onto the end of the rod, they can be replaced easily, reconditioning the system very quickly and reducing costly downtime.

Compact design & flexibility
Dimension and shape can be fully customized to match customer requirements.

Higher output capacity
can be provided on demand.



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