Forced Draft Pilot Torches

with integrated UV Flame Detection

TESI

Pilot Torches and Gas Fired Igniters

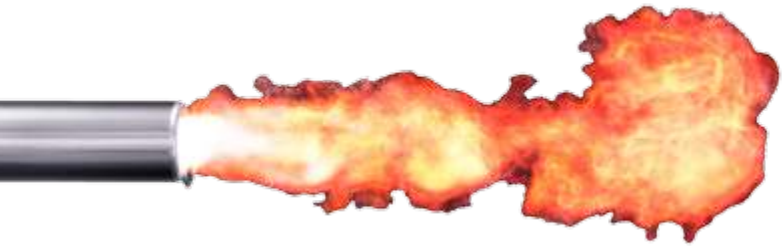
TESI ignition devices include a wide range of pilot burners, available with:

- built-in **High Energy or High Voltage ignition rod**;
- built-in **flame monitor device** by optical or ionization rod;
- thermocouples.

Standard models can be personalized to match the Customer's technical specifications both for new installations and revampings. High reliability and low maintenance, compact design and flexibility, easy and fast maintenance are main points of our products, together with large range of performances and capacity allow to find the right solution for every applications.

- **Compact design and flexibility**: dimensions and shape can be customized to match Client's request.
- **Easy and fast maintenance:** ignition and flame monitor devices can be easily disassembled without pulling out the complete pilot.
- **High Voltage Electrode** or **High Energy Igniter** offering most reliable and cost-effective ignition, not affected by humidity, water and dirt.
- Reliable **Optical Flame Monitoring** based on UV technology.
- **Forced** or **induced draft** air flow configuration.

TESI pilot burners range includes: **GAS, OIL, DUAL FUEL PILOT BURNERS.**

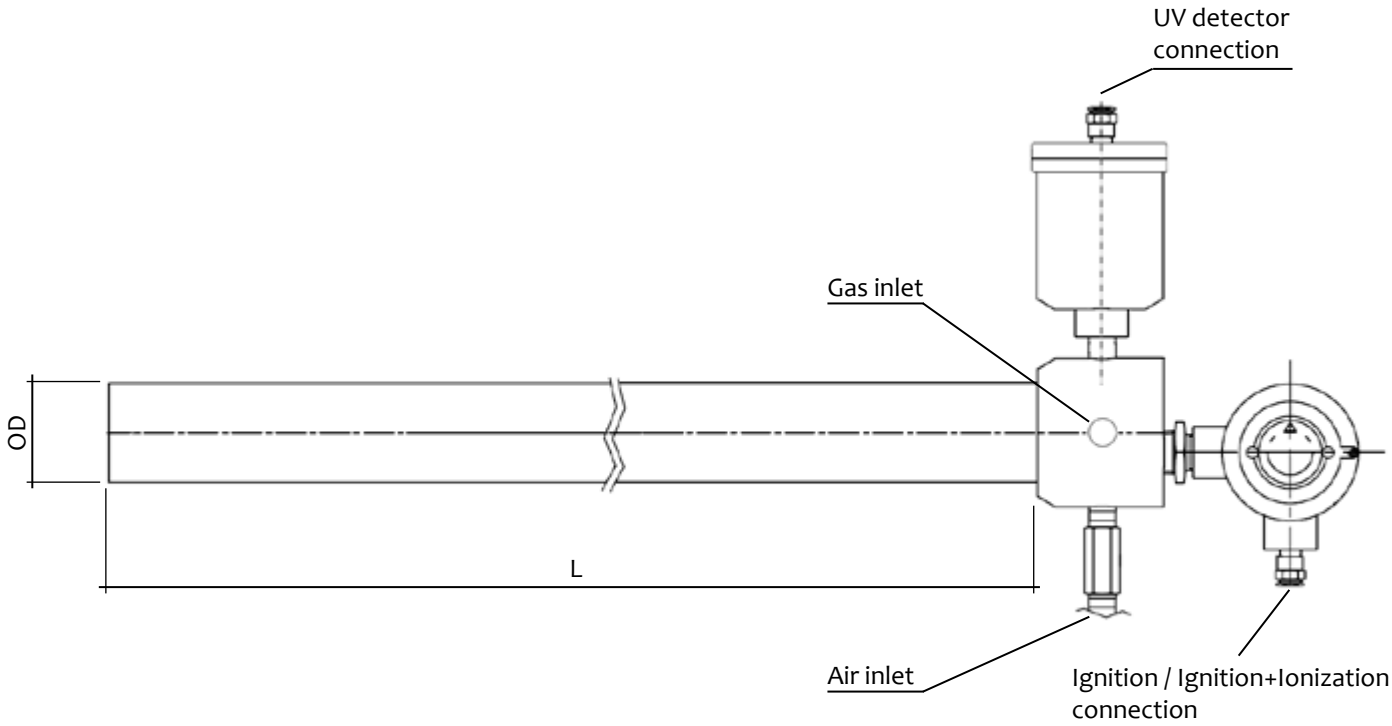


Accessories

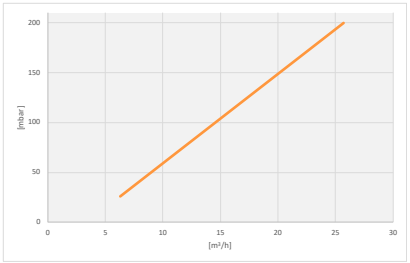
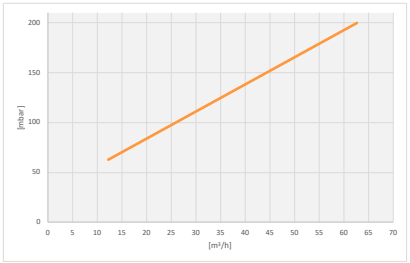
TESI forced draft pilots include a wide range of accessories available:

- **Flanges** - All TESI pilot torches can come fitted with custom flange systems, choosen 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.
- **Flame detector** - integrated UV flame scanners as alternative suitable to replace standard ionization rods.

Model TP60 / TP76



Technical Data

REFERENCE CODE	TP60/L ...*	TP76/L ...*
TUBE OUTER DIAMETER	60 mm	76 mm
HEAT RELEASE	up to 250 kW	up to 600 kW
FLAME LENGTH	up to 1200 mm	up to 2000 mm
AIR FLOW CONF.	Forced draft	
GAS VOLUME FLOW		
IGNITION ROD	High Voltage electrode - High Energy igniter up to Ø17 mm	
FLAME DETECTION	Ionization Rod - UV optical flame detector	

* Tube Length [mm] on demand

Data subject to changes without notice

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