Pilot Torches and Gas Fired Igniters

Product Range
<table>
<thead>
<tr>
<th>PRODUCT FAMILY</th>
<th>DIAMETER</th>
<th>CONFIGURATION</th>
<th>MAX HEAT RELEASE</th>
<th>CODE REF.</th>
<th>INSTRUMENTATION</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 mm</td>
<td>Self Inspirating Air (Venturi)</td>
<td>2 kW</td>
<td>TP15/L*/V</td>
<td>HV monoelectrode</td>
<td>Ignition + Ionization</td>
</tr>
<tr>
<td></td>
<td>15 mm</td>
<td>Inflated Air</td>
<td>2 kW</td>
<td>TP15/L*</td>
<td>HV monoelectrode</td>
<td>Ignition</td>
</tr>
<tr>
<td></td>
<td>25 mm</td>
<td>Self Inspirating Air (Venturi)</td>
<td>4 kW</td>
<td>TP15/L*/V</td>
<td>HV monoelectrode</td>
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<td>Ignition</td>
</tr>
<tr>
<td></td>
<td>32 mm</td>
<td>Self Inspirating Air (Venturi)</td>
<td>45 kW</td>
<td>TP32/L*/V</td>
<td>HE electrode Ø 12-14 mm</td>
<td>Ignition + Ionization</td>
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<td></td>
<td>32 mm</td>
<td>Inflated Air</td>
<td>45 kW</td>
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<td>HV monoelectrode</td>
<td>Ignition</td>
</tr>
<tr>
<td></td>
<td>38 mm</td>
<td>Self Inspirating Air (Venturi)</td>
<td>120 kW</td>
<td>TP38/L*/V</td>
<td>HE electrode Ø 12-14 mm</td>
<td>Ignition + Ionization</td>
</tr>
<tr>
<td></td>
<td>38 mm</td>
<td>Inflated Air</td>
<td>120 kW</td>
<td>TP38/L*</td>
<td>HV monoelectrode</td>
<td>Ignition</td>
</tr>
<tr>
<td></td>
<td>60 mm</td>
<td>Inflated Air</td>
<td>150 kW</td>
<td>TP60/L*</td>
<td>HE electrode Ø 12-14 mm</td>
<td>Ignition + Ionization</td>
</tr>
<tr>
<td></td>
<td>76 mm</td>
<td>Inflated Air</td>
<td>600 kW</td>
<td>TP76/L*</td>
<td>HE electrode + Ionization rod</td>
<td>Ignition</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

Venturi system to inspirate air.

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

Retraction Devices
These 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 risk 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.

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.

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