

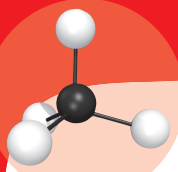
## Gas measurement technology

# Gas standpipe

Standpipe for the professional pressure testing and for filling and emptying gas pipelines



- Practical system with wide application
- Easy adaptation to many thread sizes, drilling saddles and fittings – directly or via electrically conductive tube
- Rapid extraction of gas by using the Venturi nozzle
- Flame arrester for burning off the gas safely



## Gas standpipe

The gas standpipe is designed as a test connection for gas pipeline pressure tests and as a standpipe for filling or emptying a gas pipeline.

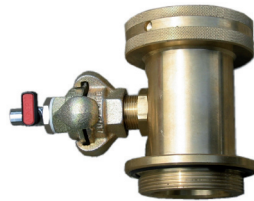
The standpipe can simply and securely be connected with inside threads of 1" to 2 1/2" as well as drilling saddle and moulded parts from various manufacturers using adaptors in different designs.

A 2 1/2" inside thread is located above the ball valve. The adjusted accessories can be screwed into it. The following components can be used at present:

- **Stainless steel test pieces** with 3 connections which are equipped with quick-action couplings and protective caps. Two of the connections can be blocked using the ball valves. There is also a stainless steel minimess coupling for connecting the 'DruckTest memo' pressure testing system



- **Venturi nozzle**  
for suctioning off gas effectively



- **Flame arrestor**  
ATEX explosion protection,  
PTB 04 ATEX 4001 X explosion group  
EEx IIG IIA



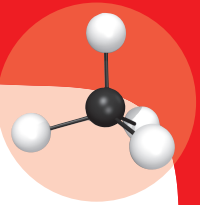
- **Silencer**  
Reduction of the outlet noise by up to 30 dB













In practice, the standpipe frequently requires a location away from the pipeline. A sturdy stand is provided for this purpose. An electrically conductive tube with DN 32 and 20 bar operating pressure can be used for the connection between the standpipe and the gas pipeline.

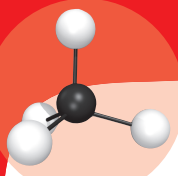
If the standpipe is used in combination with a plastic pipeline, earthing must be provided using the corresponding cable and earth spike to prevent static charges. Make sure that the bayonet connector is seated firmly and drive the earth spike into the ground up to the handles, if possible.





## Operation Accessories

<p><b>Gas standpipe without blow-off pipe</b></p> <p>Item no. 402208</p>	<ul style="list-style-type: none"> <li>• connection for test head HEINZ 2 1/2" ext. thread with ball valve</li> <li>• separate coupling connection possibility</li> <li>• connection for grounding cable</li> <li>• with replacement o-ring</li> </ul>	
<p><b>Blow-off pipe for gas standpipe incl. holder ignition module</b></p> <p>Item no. 402207 Item no. 402073 Item no. 202070</p>	<p>Blow-off pipe 1" for gas standpipe Blow-off pipe 2" for gas standpipe Blow-off/measuring pipe v 2"</p>	
<p><b>Tripod for gas standpipe</b></p> <p>Item no. 402140</p>	<p>with 3 hooks and 2 fixing clips to fasten the gas stand pipe</p>	
<p><b>Ignition module for gas standpipe universal</b></p> <p>Item no. 402209</p>	<p>incl. holder ignition module and propane hose 3 m</p>	
<p><b>Grounding cable, length 3 m</b></p> <p>Item no. 402142</p>	<p>Copper cable 25 mm<sup>2</sup> with transparent isolation and bayonet plugs on both sides</p>	
<p><b>Ground stake with bayonet coupling</b></p> <p>Item no. 402143</p>	<p>Made of stainless steel</p>	
<p><b>Adapter GS 2 1/2" Adapter GS 2 1/2" internal thread with Camlock nipple</b></p> <p>Item no. 402136 DN 32 Item no. 402238 DN 50</p>	<p>The adaptor can be screwed to the foot of the testing stand pipe. The gas hose can be directly fastened to the adaptor using the Camlock coupling.</p>	
<p><b>Adapter GS 2 1/2" ext. thread with Camlock coupling</b></p> <p>Item no. 402137 DN 32 Item no. 402237 DN 50</p>	<p>For connecting the gas hose with all transition pieces with a 2 1/2" inside thread. Gas discharge is regulated by the ball valve.</p>	
<p><b>Diffuser for gas standpipe</b></p> <p>Item no. 402141</p>	<ul style="list-style-type: none"> <li>• stainless steel diffuser, ø 160 mm</li> <li>• 1" ext. thread for connection to the gas standpipe</li> </ul>	
<p><b>Muffler for gas standpipe</b></p> <p>Item no. 402153</p>	<p>with 1" ext. thread for screwing into the diffuser</p>	



## Operation Accessories

<p><b>Diffuser/Muffler 2"</b></p> <p>Item no. 202068</p>	<p>The diffuser for the blow-off/measuring pipe v 2" reduces outlet flow speed and provides outstanding noise reduction. It is screwed down onto the blow-off pipe's 2" thread and is equipped with a mount for the ignition module.</p>	
<p><b>Gas hose</b></p> <p>Item no. 402144 DN 32 5 m Item no. 402145 DN 32 10 m Item no. 402226 DN 50 5 m Item no. 402228 DN 50 10 m</p>	<ul style="list-style-type: none"> <li>• electroconductive hose with R &lt; 10 to the 6 Ohm</li> <li>• with Camlock coupling and * Camlock nipple</li> <li>• operating pressure 20 bar at 20°C (DN 32)</li> <li>• operating pressure 15 bar at 20°C (DN 50)</li> </ul>	
<p><b>Hose-connecting set GOLIATH v</b></p> <p>Item no. 202069</p>	<ul style="list-style-type: none"> <li>• for connection of GOLIATH v with the blow-off/measuring pipe v 2" .</li> <li>• antistatic twin hose for pressure measurement and intake hose for gas concentration measurement, both done via GOLIATH v.</li> <li>• the hoses are 5 m long and are equipped with quick connection couplings. Carrying case included.</li> </ul>	
<p><b>Flame arrester DN 50 for gas standpipe</b></p> <p>Item no. 402146</p>	<ul style="list-style-type: none"> <li>• PTB 04 ATEX 4001 X, explosion group EEx IIG IIA</li> <li>• with 2 1/2" internal thread/ext. thread for connection to the gas standpipe</li> <li>• with replacement o-ring</li> </ul>	
<p><b>Venturi nozzle for gas standpipe</b></p> <p>Item no. 402147</p>	<ul style="list-style-type: none"> <li>• with 2 1/2" internal thread/ext. thread for connection to the gas standpipe</li> <li>• compressed air claw coupling for the compressed air supply</li> <li>• with replacement o-ring</li> </ul>	
<p><b>Adapter G 2" ext. thread</b></p> <p>Item no. 402033</p>	<ul style="list-style-type: none"> <li>• with pre-installed o-ring on gasket side</li> <li>• Brass</li> </ul>	
<p><b>Accessory case for gas standpipe</b> Item no. 402148</p> <p><b>Carrying case for gas standpipe</b> Item no. 402152</p>		

Other accessories on inquiry!

Technical specifications subject to change! 10/2017