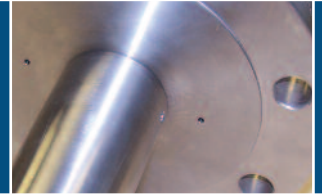




Flange Weld Tester



Hydrotesting equipment for weld connections and pipe components

Product Description & Function

PE's Flange Weld Tester is a hydrotest tool designed to carry out localised pressure testing of various types of weld connections on pipe components. PE's Flange Weld Tester can be used on pipes ranging from $\frac{1}{2}$ " to 24". For pipe sizes of 24" and above, contact the PE Hire Service Centre.

PE's Flange Weld Tester will:

- > Confirm that the weld meets the required design standard
- > Reduce the time that pipelines need to be out of commission, resulting in lower operating costs and reduced loss of production



Flange Weld Tester

Features

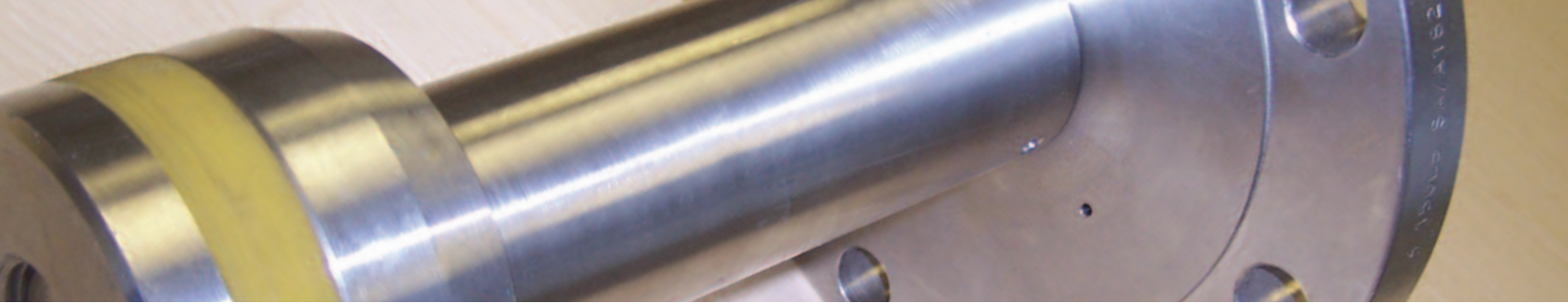
- > The body is made from high grade carbon steel for added strength
- > The seals are made from PE's own specially formulated Omnithane® polyurethanes with excellent sealing characteristics
- > Manually or hydraulically operated Flange Weld Testers are available
- > Capable of carrying out tests up to ANSI 1500, depending on flange rating



PIPELINE ENGINEERING

"Engineered Solutions for the Pipeline Pigging and Flow Assurance Industry"





Benefits for Operators

PE's Flange Weld Tester is used for hydrotesting pipelines during repair, maintenance and shutdown periods; benefits include:

- > Quick to set up for testing
- > Very easy to install and remove
- > Actual testing takes a fraction of the time of a full hydrotest
- > Only localised testing is necessary
- > Reduced amount of test medium required
- > Pre-commissioning requirements following testing are minimised
- > Self-locating capability
- > Suitable for use on horizontal, vertical and inclined piping
- > A reduction in the time that equipment is out of operation leading to improved operational efficiencies

SPECIFICATION

Pipe Size Range	1/2" to 24" (Specialist equipment available for larger pipe sizes)
ANSI Class Rating	CL150 to CL1500
Flange Type	WNF Slip on (SOF)
Seal Actuation	Mechanical (less than 4") Hydraulic (6" and above)
Body - Material	Standard CS Exotic Alloys
Seals - Material	Omnithane®
Seals - Quantity	1

Available for Hire

PE holds an extensive stock of Flange Weld Testers available for hire.

Application and Operation

The Flange Weld Tester is inserted into the flange connection and fastened up. The seal is expanded radially against the pipe bore, either mechanically (up to 4") or hydraulically (6" and above) to seal off the weld area. The sealed area is then pressurised through the fill port with either liquid or gas to the required test pressure.

On-site Services

Our engineering team is available to install and operate Flange Weld Testers for clients. All our engineers are fully certified and trained for onshore and offshore operations.