



Flanged Weld Test Tools

Flanged Weld Test Tools enable localised pressure testing of new flange welds. Use of the tool minimises the test system limits and reduces the time required to undertake the maintenance or modification work. The tools are designed with a single seal and flange configuration and are available in a range of sizes compatible with common pipe schedules and flange types / sizes. Specially configured tools in sizes up to 48" may be engineered and designed for specific applications.

Operator Benefits

- Reduces system down-time and increases worksite safety by minimising pressure-test volume
- Operators save time and reduce costs by limiting test area to only the new weld or welded component
- Timely completion of maintenance & modification activities.
- No requirement to flood & de-water gas systems
- No requirement for full system pressurisation beneficial to 'mature' systems by decreasing potential for spading / leakage
- Easily installed, activated in a matter of minutes
- Sale or rental options available, complete with full ancillary equipment
- Fully certified client training provided by highly trained STATS personnel to support Weld Test Tool hire

Key Features

- Simple, straight forward installation and operation
- Easily installed, activated in a matter of minutes.
- Large section high quality elastomer seals ensure a leak tight seal, even in pitted pipework
- Designed with generous radial clearance to cope with typical internal obstructions such as weld beads, ovality, etc
- Tools can be configured to suit applications whereby Hydrotest is required on butt weld between flange and welded fitting such as an elbow or tee
- Suitable for use with most test mediums (liquid or gas)
- High performance elastomer seals provide excellent radial expansion and relaxation properties, even after many operating cycles
- Robust construction ensures years of trouble free operation even in the harshest environments
- Suitable for installation in horizontal, vertical and inclined piping

Specification

- Size range: common pipe sizes ½"- 36" as standard
- Sizes up to 48" available on request
- Hydraulically actuated above 2"
- Designed to provide recommended test pressure requirements up to ASME 2500#
- Separate fill and vent ports
- Pressure assisted sealing



18" 150# Flanged Weld Test Tool



1" mechanically actuated Flanged Weld Test Tool



Localised pressure test from flange gasket to compression seal