

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease, assume you have the wrong type of pump for the job. Ask at your local HSS Hire Shop for advice.

Keep the equipment clean. You will find this less of a chore if you clean up regularly rather than wait until the end of the hire.

Handle hoses with care. Never lay them over sharp edges, where they could be walked on, or anywhere else that exposes them to the risk of damage.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves. **Protect this equipment from frost and freezing temperatures.**

Never pump anything other than clean water, never use it to pump dangerous or corrosive liquids.

Always de-pressurise the system following the recommended method. Releasing the pressure in any other way could cause the pump to lock up.

FINISHING OFF

To **release the pressure in the system**, open the shut off valve or the 'V2' valve.

Drain down the system being tested then disconnect the pump's pressure hose.

Finally, **coil the hose neatly in the box ready for return** to your local HSS Hire Shop.



...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

Fax: 0181-687 5001

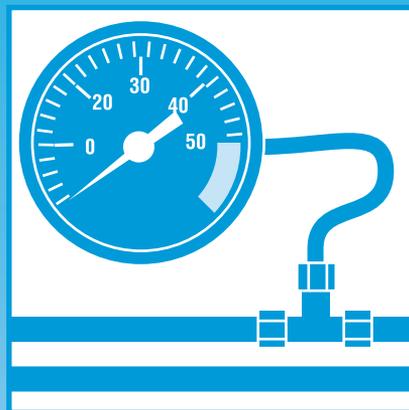
©HSS Hire Service Group Plc 1998 No. 748/01

Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.co.uk>

Operating & Safety Guide 748

HSS Hire Shops



Manual Pipe Pressure Tester

For testing pressurised systems quickly and efficiently.



Code 68820

GENERAL SAFETY

For advice on the safety and suitability of this equipment **contact your local HSS Hire Shop.**

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area.



Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

User / Operator Warning

This machine is designed to test the water system on heating installations for leaks, using a pressure system. The installation must only be tested when fully charged with water, therefore all air in the system must be removed. Only qualified persons should use this equipment, as these instructions only cover setting up and using the pump. It is the hirers responsibility to ensure the pressure used is correct for the installation.

Check the equipment before use. If it shows signs of damage or excessive wear, return it.

GETTING STARTED

Un-coil the pressure hose then connect it to the system you wish to test.

Hose Sense

Ensure hoses are free from kinks and sharp turns that could impede the flow of the liquid through the system.

Dependent on model, **release the pump handle** by either unhooking it or removing its pin.

Fill the pump's reservoir with water, and open the shut off valve. Where the pump has 2 valves close the valve 'V2' (farthest from the pressure gauge) and open the 'V1' valve.

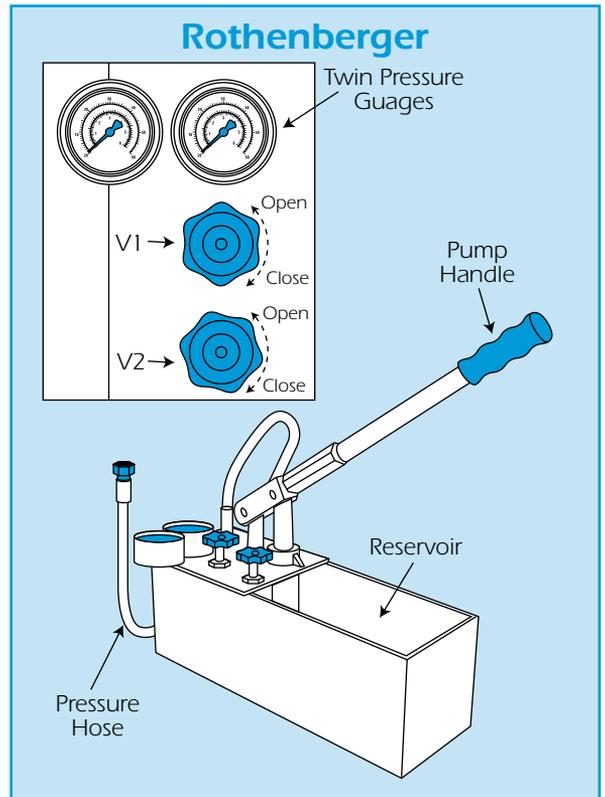
BASIC TECHNIQUES

Open a tap in the system to be tested in order to allow air to escape and pump the handle.

Fill the system with water and remove any trapped air, then **close the systems tap.**

Pump the system up to the desired test pressure.

Once test pressure has been achieved, **close the shut off valve or valve 'V1'.**



Any pressure loss can now be read off the test pressure gauge. Where 2 gauges are fitted both must read the same pressure, if not, stop and contact your local HSS Hire Shop for advice.

