

Instructions for HBT-1000, Hydrostatic burst tester

Install water supply to pump (the large lower fitting on the pump). A barbed PVC fitting has been included if you wish to use it. Get an aerosol can, fill it with water and crimp a male can valve on it. Attach the can to the SO-PT, slip-on pressure tester attachment. 1st hold the SO-PT with one hand with the other hand pull back the stem where the hose attaches and turn 1/8. It will stay, attach the can to the SO-PT by slipping it under the can curl. Return the stem by turning back 1/8. It should now be attached to the can and depressing the can valve. The can should be shielded. When bursting some water will spray.

Suggestion: Get a plastic garbage can, cut a small slot in the side of the top so you can close & latch the top while the can and hose is placed inside. Turn on the water supply. Pump the handle. You will see the gauge starting to register pressure. The pressure gauge is supplied with a red maximum indicating hand. When the can bursts the maximum indicating hand will tell you the exact pressure the can burst at. When testing the next can return the maximum indicating hand by turning the brass knob in the middle of the gauge counter clockwise until it is back at zero. If you do any testing with out filling the can with water you must be careful to shield the can. Water is a solid and cannot compress. Air can compress, therefore the burst will be more explosive. You may consider doing testing inside a ventilation hood if certain propellants are involved.

If you do not fully understand these instructions please call (417) 533-5552. Or email us at info@aerotechlab.com Thank you.

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