

PH Double Bulkhead
Valve Tester Upto 0.5" - 4" NB
Ansi Class 3100 - 600



PH Double Bulkhead Valve Tester 0.5" to 4" NB, For Ansi Class 3100-600

The demands of Health, Safety and Quality and increased regulation have placed stringent controls on the supply to and maintenance of operational process plant, PH Ltd offers a compact and versatile pressure testing and seat leakage testing solution. An efficient time saving solution when compared to with "bolt on flange" testing.

Economical and Versatile Testing with the PHDBVT Valve Tester, Accommodates most valve types, Free Standing, Ease of Operation, flexible 90 degree actuated rotation, small and lightweight and mobile for use as a workshop or site test unit. Can be used in conjunction with an optional Pumpset part no PHPP for valve testing upto 11625psi/800Bar

Part No PHDB0.5.4.3100.600 Features;

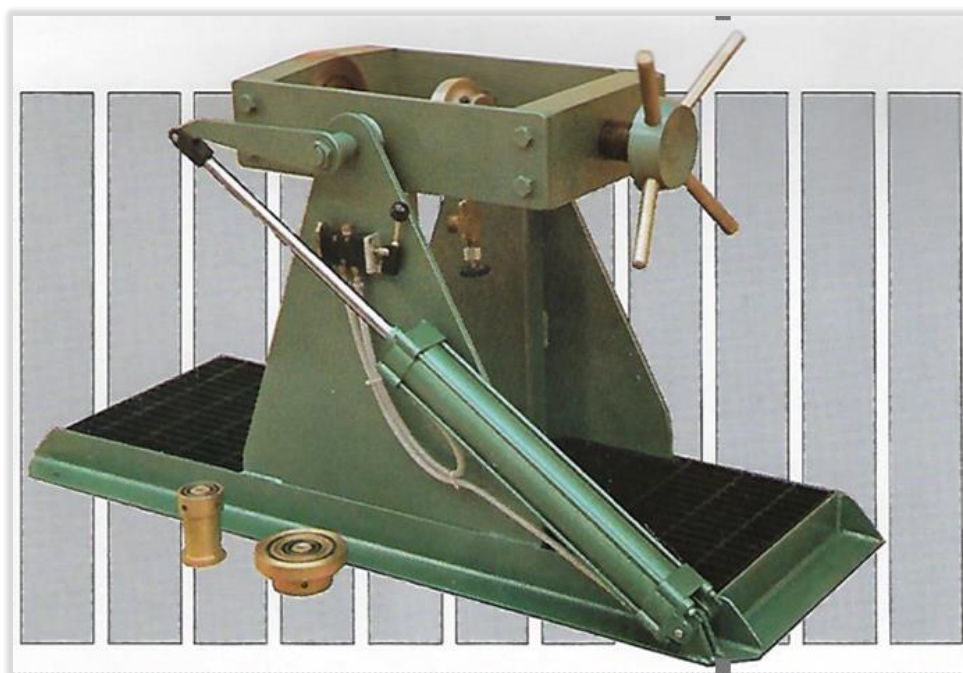
- Tests Flanged Valves From 0.5" through to and including 4" NB.
- Test Pressure Ranges from 2250psi/155BarG (4"NB) to 11625psi/800BarG (upto 1.25"NB), See table below for full size/pressure range (Note: Water testing only at stated pressure – see note below).
- Rotates through 90deg to assist with "airless" valve cavity fill and for ease of valve loading, rotates in both directions. Martonair Pneumatics – Cylinder with speed control and 5/2 Changeover Valve.
- Can be used as an assembly jig, use for ground up assembly and test in one operation.
- Adjustable capstan for face to face dimensions upto 15.5"/394mm, will suit Most "Globe" style and "Control" valve bodies.
- Recessed 'O' Ring provision in the bulkhead and swivelling head for testing without the need for gasketing.
- Short Body Adaption Spool and Test Flange for further reduction in Face to face for testing "Wafer" and "Flangeless" style valves.
- Can be floor fixed or be free standing.
- NPT input (test medium) and output (vent) connections, Vent valve supplied (15,000psi/1035Bar).
- Surface treated wetted parts.
- Painted in a RAL of customers choice.
- Can be easily incorporated unto a scheme of multiple testers and pump sets.
- Footprint Size 60"/1525mm lg, x 21"/534mm wd x 31"/788mm height. When rotated 38-3/8"/974mm height. Weight 230kg.

Note: Cold water testing is the safest medium for testing and should always be the preferred method, it is assumed that PH testers are only used for hydraulic testing unless stated otherwise.

Warning: Gas testing is dangerous and potentially hazardous and PH valve testers should not be used for anything other than compressed gas leak detection at no more than 100psig/7BarG.

The reference to Valve Class is applicable to Ansi B.16.5 current edition, in material group 1.7.

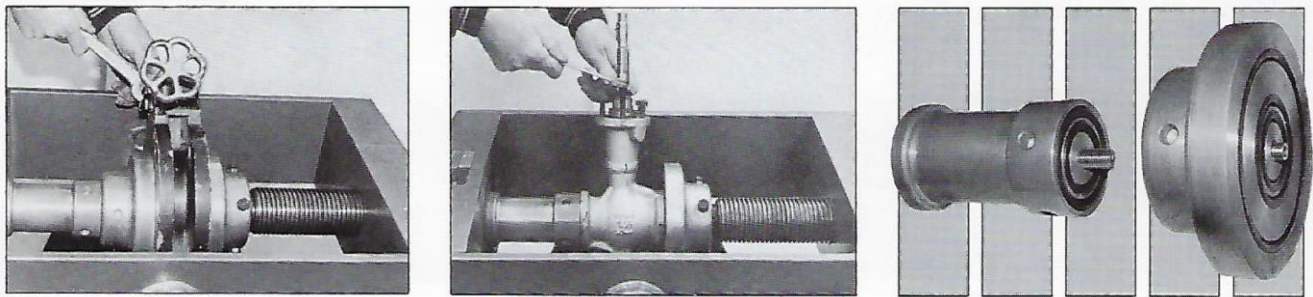
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Rated Pressures, Loads and Class				
Bore Size	Area Sq"	Rated P Class	Ansi Class	Warning;To tippel through 90deg use the lever on the Norgren 5/2 valve for operation in either direction, stand clear following lever operation. Do not exceed the pressure limits noted in the table opposite. For pressure release carefully open the swivel head vent valve, or vent back to the pumpset. DO NOT TRY AND UNSCREW THE TEST RIG CAPSTAN UNDER PRESSURE.
0.5"	0.196	11625psi	3100	
0.75"	0.442	11625psi	3100	
1"	0.786	11625psi	3100	
1.0625"	0.887	11625psi	3100	
1.25"	1.768	11625psi	3100	
1.5"	1.768	9375psi	2500	
2"	3.143	5625psi	1500	
2.5"	4.911	3375psi	900	
3"	7.071	3375psi	900	
4"	12.571	2250psi	600	
Safety Limit Max Load - 28,285lbf at 4" Class 600				
		West Yorkshire, England, HD8 9TY. www.part-hunter.co.uk		

Optional Equipment;

Short Body Adaptors; Interchangeable adaptors to suit almost all combinations of non standard valve type's including butterfly, weld and screwed ends.



Air Driven Hydrostatic Pump Set;

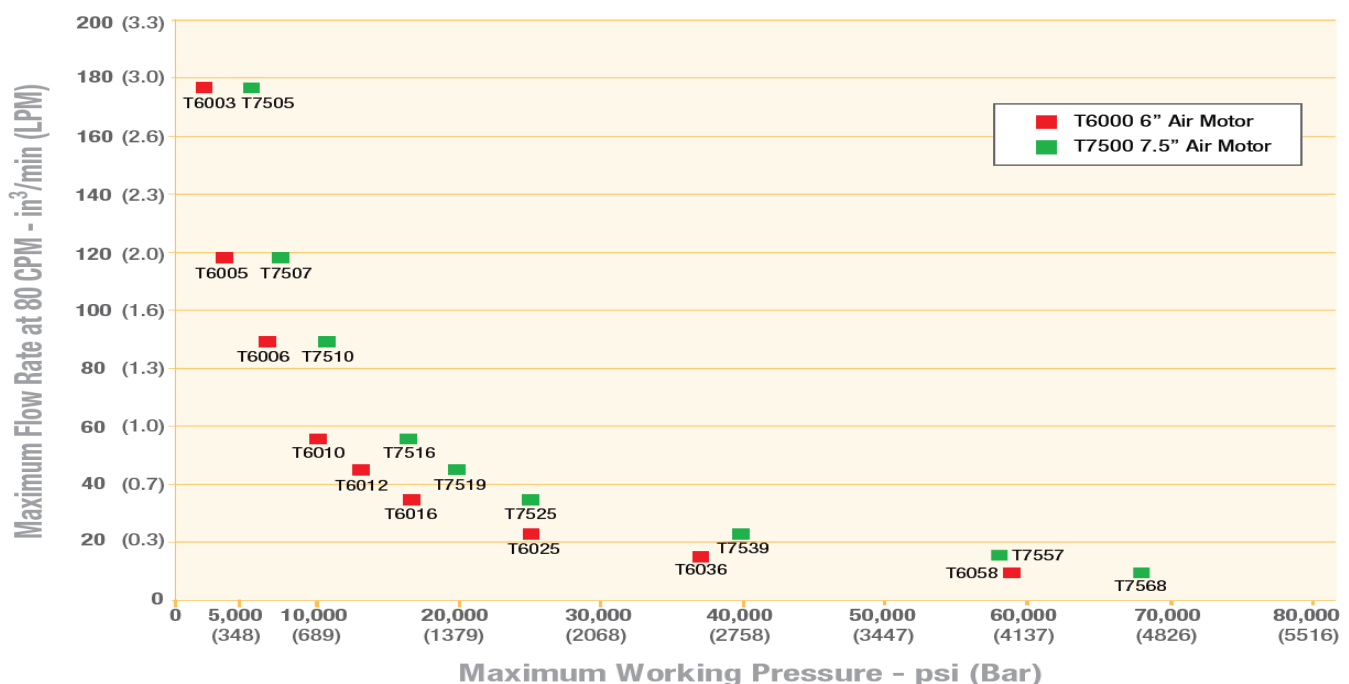


Compact design: ½" BSP female air inlet Filter / Regulator & Lubricator set, air pressure gauge & air on/off valve, air pressure blow off valve preset to limit the pump.

150mm dial 0-20,000 psi / bar dual scale calibrated standard analogue pressure gauge +/-1% accuracy, pressure release needle valve and outlet

manifold block with single 9/16" x 18UNF female outlet port. Tank bypass for mains feed introduction.

Pressure Range v Flow Rates for the T6000 and T7500 Pump Units.



Optional features on this unit can include:

GS4200-USB-1000AB USB connectable pressure transducer 0-1,000 bar range, supplied connected to the pump high pressure system c/w software ready to be installed on a PC.

The unit will be supplied pressure tested and certified and includes a pressure test certificate, pressure gauge & pressure transducer calibration certificates.

Test Certificate

Test Object Identification

Customer:

Test Object:

Serial No:

Part No:

Test Medium:

WATER

Certification Information

Used Cal. Device: GS4200-USB

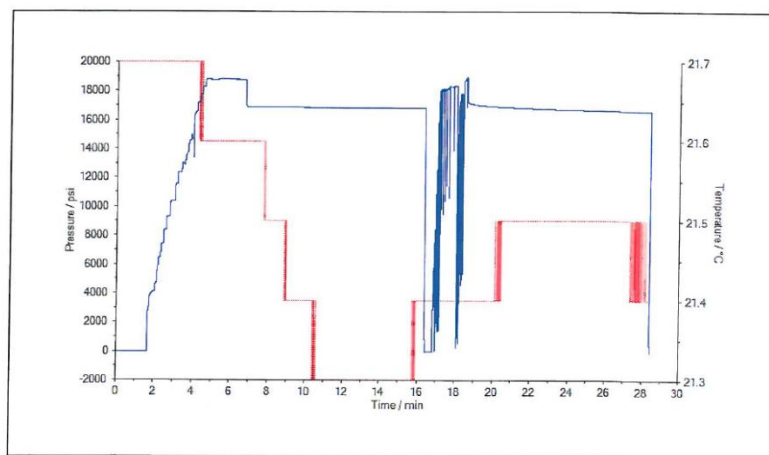
Cal of GS4200-USB: 13/09/2016 12:00:00

Serial No: 0340916

Test Date: 02/11/2016 11:39:43

Manufacturer: ESI Technology Ltd

Test Engineer: TOM GOLDSTRAW



Test Engineer: _____

Signature: _____

Project Engineer: _____

Signature: _____

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