

PH Double Bulkhead
Valve Tester Upto 12" NB
Ansi Class 300



PH Double Bulkhead Valve Tester upto 12" NB, For Ansi Class 2500-300

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, heavy duty but 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 9375psi/646Bar

Part No PHDB3.8.2500.600 Features;

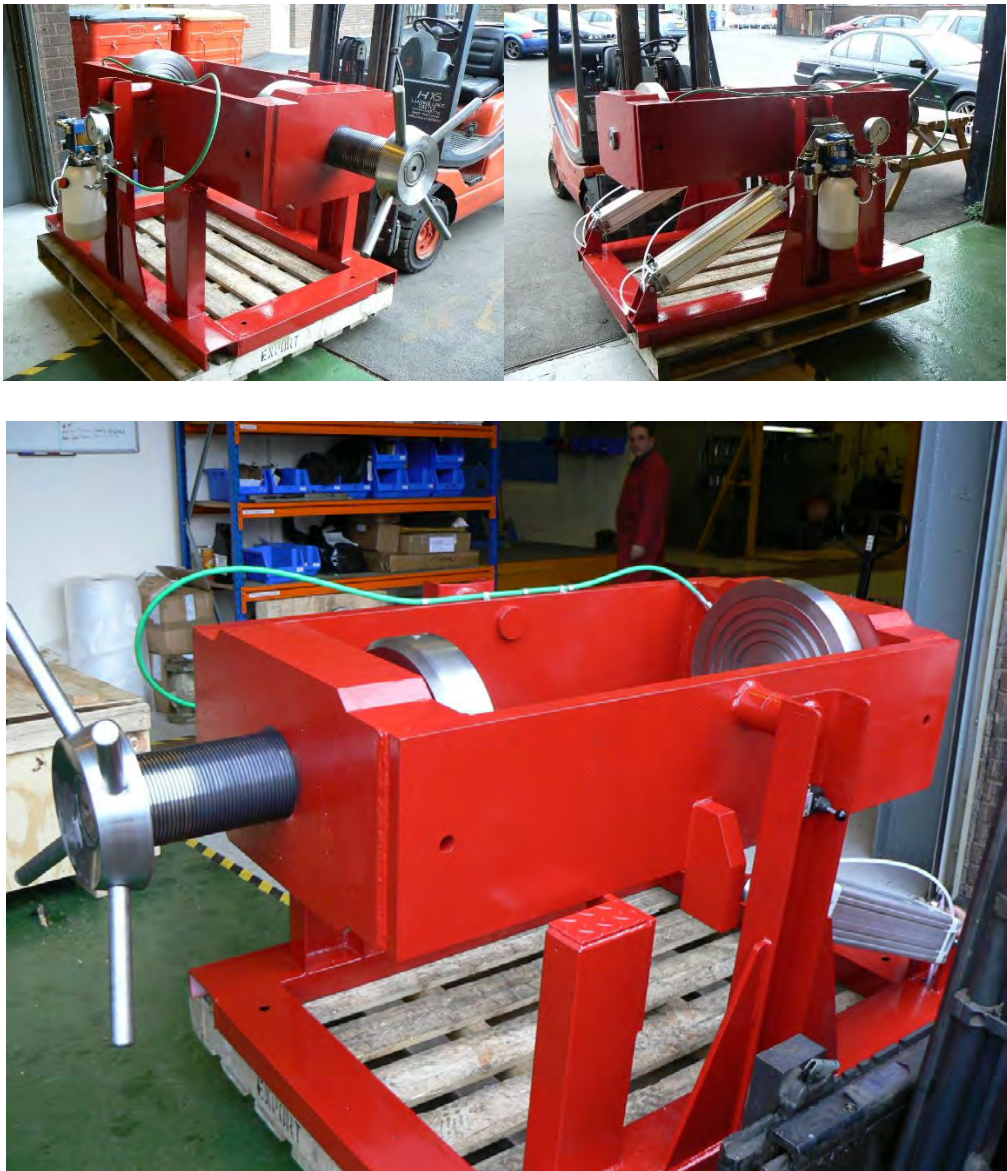
- Tests Flanged Valves From 1" NB** through to and including 12" NB (with adaptors**).
- Test Pressure Ranges from 9375psi/155BarG (1"-3"NB) to 1125psi/76BarG (12"NB), See table below for full size/pressure range (Note: Water testing only at stated pressure – see note below).
- Rotates through 90deg to assist with "airless" valve cavity fill and for ease of valve loading, rotates in both directions. Twin Martonair Pneumatics – Cylinder with speed control and 5/2 Changeover Valve. Hydraulic clamping flange.
- 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 38"/965.2mm, 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. Stepped Flanged for ease of bore location.
- 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 (10,000psi/690Bar).
- Surface treated wetted parts (zinc plated or chemical blackening).
- Painted in a RAL of customers choice.
- Can be easily incorporated into a scheme of multiple testers and pump sets.
- Footprint Size 58"/1473mm lg, x 42"/1067mm wd x 35"/889mm height. When rotated 62"/1575mm height. Weight 700kg.

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.

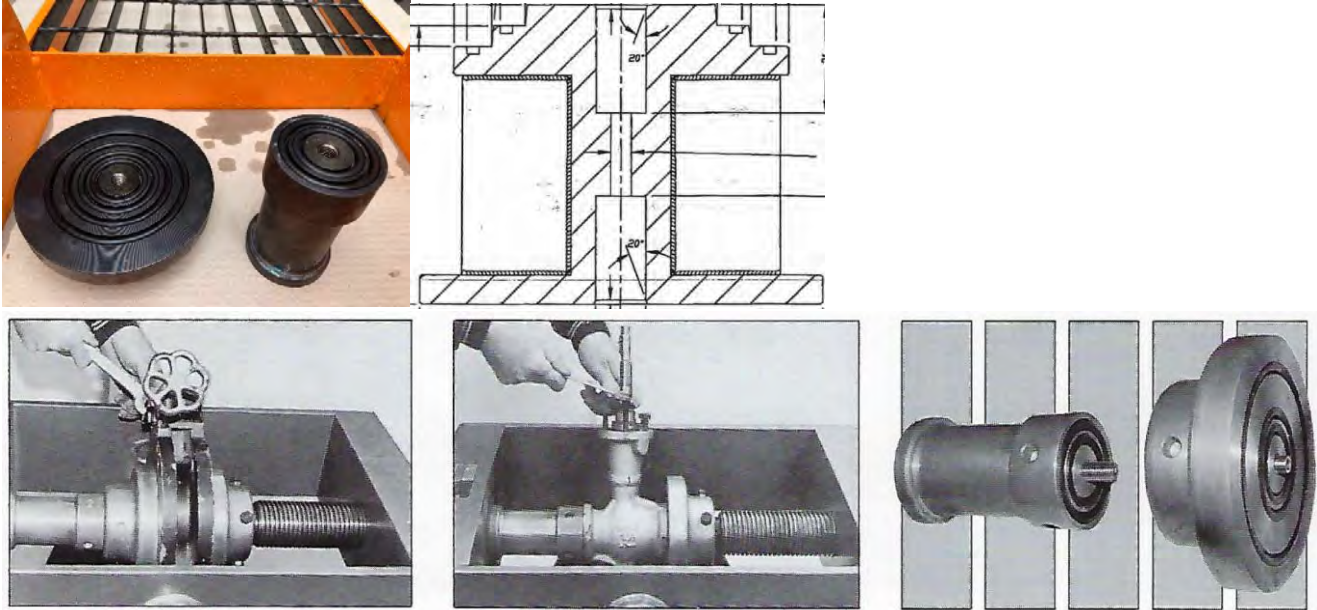
The reference to Valve Class is applicable to Ansi B.16.5 current edition, in material group 1.7.

PH Double Bulkhead Valve Tester upto 12” NB, For Ansi Class 2500-300



Rated Pressures, Loads and Class				
12" 300 PHDBVT Valve Tester				- Pressure Table
Bore Size	Area Sq"	Rated P Class	Ansi Class	Warning;To tipple 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.
1"	0.786	9375psi	2500	
1.5"	2	9375psi	2500	
2"	3.143	9375psi	2500	
2.5"	4.911	9375psi	2500	
3"	7.071	9375psi	2500	
4"	12.571	5625psi	1500	
6"	28.28	3375psi	900	
8"	50.27	2250psi	600	
10"	78.55	1125psi	300	
12"	113.11	1125psi	300	
Safety Limit Max Load - 127,249lbf at 12" Class 300				
			West Yorkshire, England, HD8 9TY. www.part-hunter.co.uk	

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;

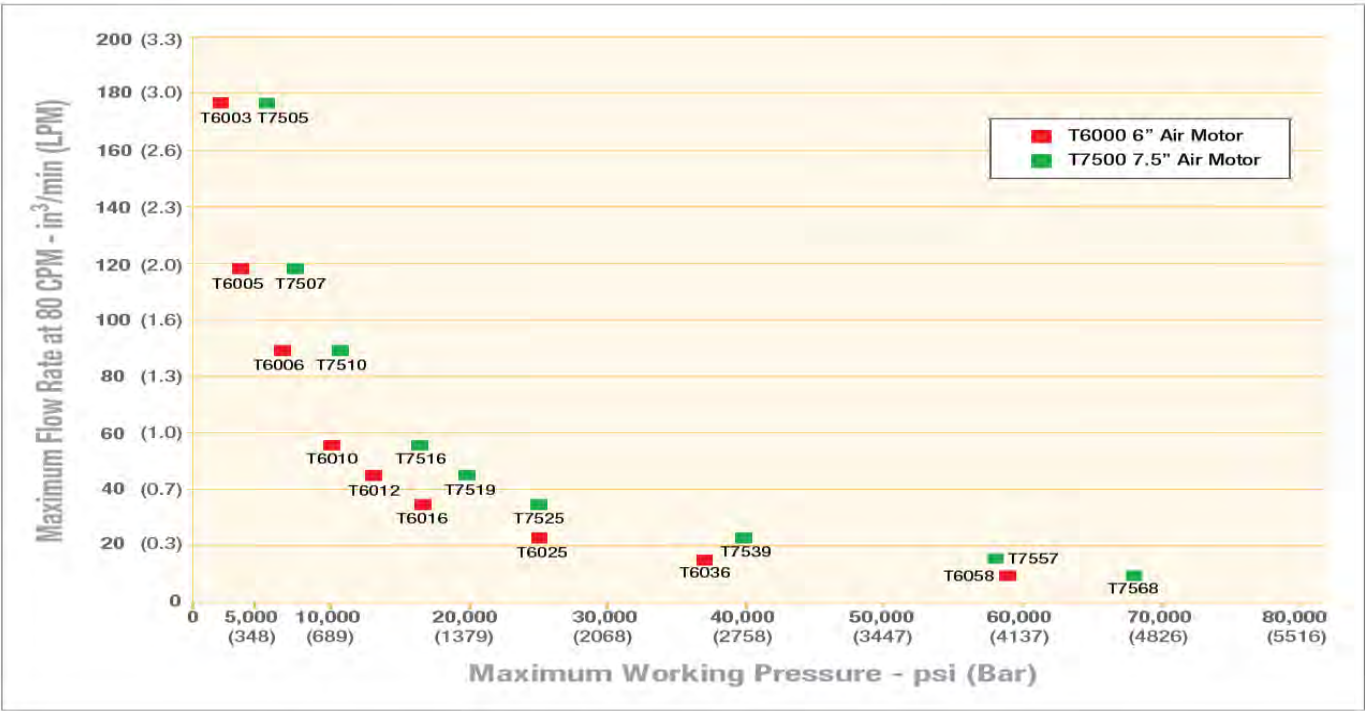


Compact design: ½" BSP female air inlet Filter / Regulator & Lubricator set, air pressure gauge & air on/off valve, air pressure blow off valve preset to limit the pump.

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:

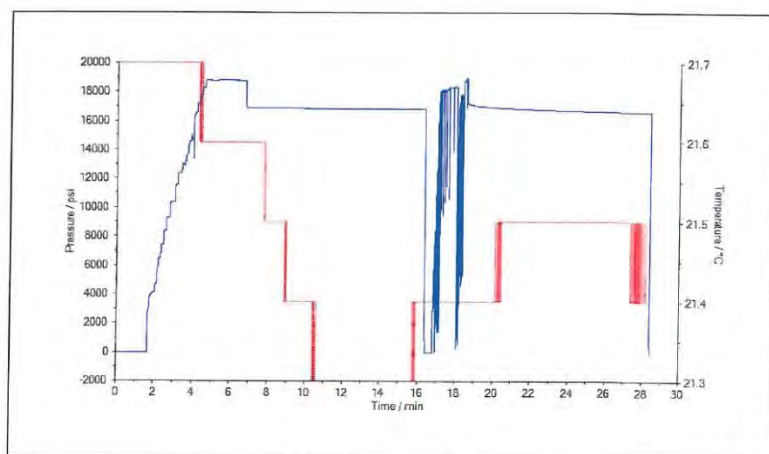
Part No:

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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