

# HIGH PRESSURE LIQUID AND GAS ENGINEERING



**Introducing Gem's new Hose Test Rigs type Ace series for pressure testing of hoses upto 6895 Bar.**



**The Gem's Ace Hose Test Rig is a self contained air driven test system. Basically designed for quickly and effectively hydraulic testing of hoses it is also ideal for testing a range of components including pipe assemblies and fittings. The Ace Hose Test Rig can be supplied to test single or multiple hoses upto a pressure of 6895 Bar, it can hold this pressure indefinitely without consuming power. Test media can be water, petroleum base oils, oil and water, hydraulic oil and special oils such as Skydrol and Aerosafe. In case of leakage the emitting fluid will flow back into the reservoir without any loss of testing fluid.**

**The Ace Hose Test Rig is supplied complete with air driven pressure generation and ergonomic control circuit, a robust test chamber with transparent interlocked door through which the hoses can be viewed safely while under pressure to check for leakage and a reservoir of approximate 150 litres capacity with suction strainer and sight glass.**

**Ace series optionally available with data acquisition system for automated hydrostatic pressure testing with touch screen panel for operating and monitoring the test which also enables to take print out of the test results.**

## Model Selection Chart

<b>MODEL</b>	<b>PRESSURE RANGE</b>	<b>OPTIONS AVAILABLE</b>
<b>ACE-7000</b>	<b>0-7000 Bar</b>	<b>MH, SS, AUTO</b>
<b>ACE-4000</b>	<b>0-4000 Bar</b>	<b>MH, SS, AUTO</b>
<b>ACE-2000</b>	<b>0-2000 Bar</b>	<b>MH, SS, AUTO</b>
<b>ACE-1000</b>	<b>0-1000 Bar</b>	<b>MH, SS, AUTO</b>
<b>ACE-500</b>	<b>0-500 Bar</b>	<b>MH, SS, AUTO</b>

### Options:

Besides standard hydrostatic hose test system, the Ace series can also be supplied with number of options indicated as below, add ordering code to the above model.

<b>OPTION</b>	<b>ORDERING CODE</b>
<b>1. Manifold for multiple hose testing</b>	<b>MH</b>
<b>2. Stainless Steel enclosure</b>	<b>SS</b>
<b>3. Data acquisition system.</b>	<b>AUTO</b>

**Standard size 2100mm x 1250mm x 885 mm**  
**Air Inlet Port: 1/2" BSP M**

**We can also design a customize Hose Test Rig as per customers requirement. Please consult factory for further details.**

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