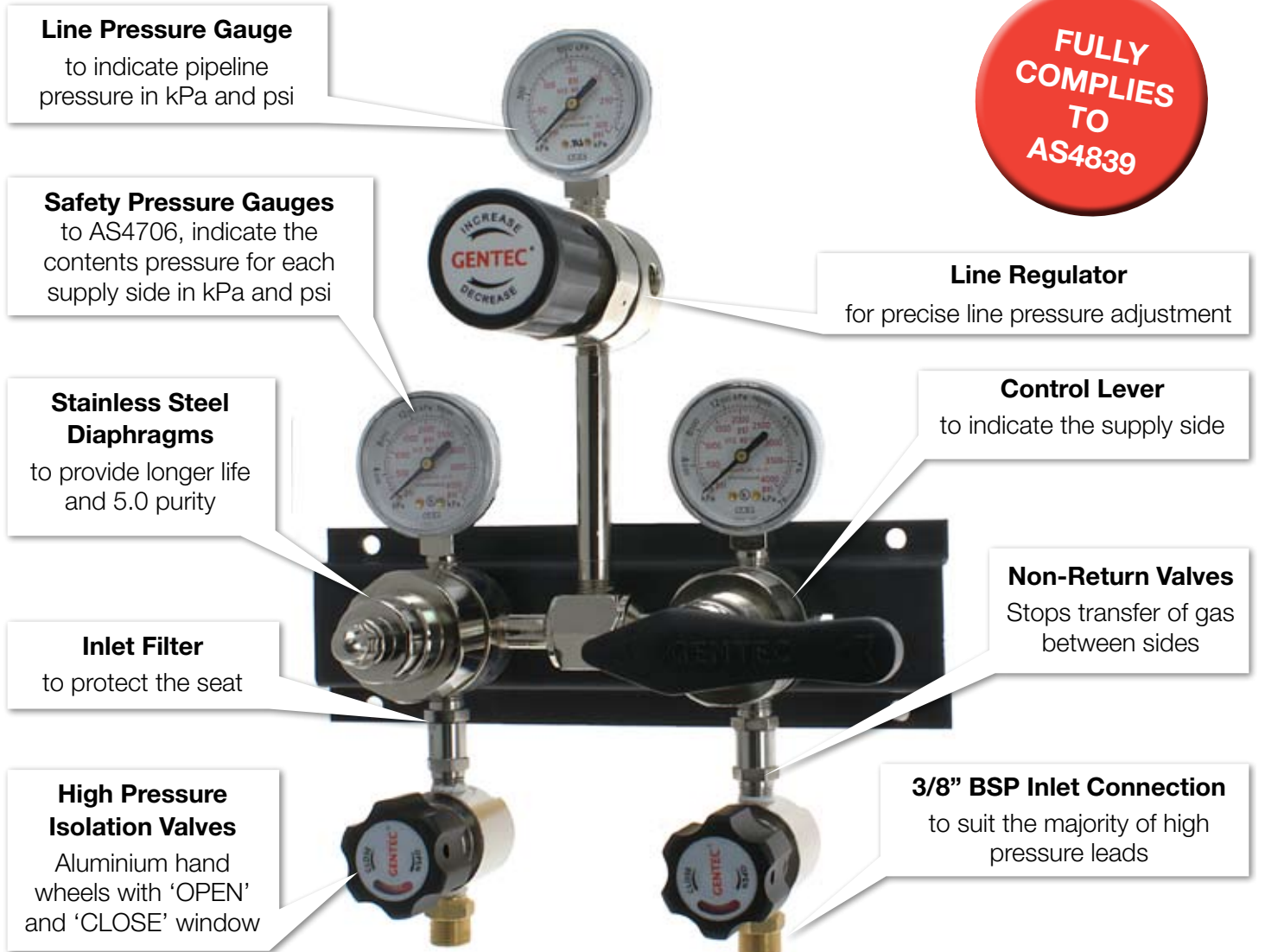


# SEMI-AUTOMATIC CHANGEOVER MANIFOLD 20,000 kPa

FOR USE IN CYLINDER AND PACK MANIFOLD SYSTEMS

Tesuco's new semi-automatic manifold is designed to provide a continuous supply of gas without interruption when changing from one supply side to the next. The easy to see control lever, moves to change and indicate the supply side when cylinders or packs are replaced. High pressure gauges on each supply side indicate the contents pressure. The manifolds are gas specific and they are colour coded accordingly.

FULLY  
COMPLIES  
TO  
AS4839





Part Number	Gas Service	Inlet Connection
GMSACOX	Oxygen	3/8" BSP RH
GMSACFG	Fuel Gas	3/8" BSP LH
GMSACAR	Argon	3/8" BSP RH
GMSACIG	Inert Gas	3/8" BSP RH
GMSACNI	Nitrogen	3/8" BSP RH
GMSACCD	Carbon Dioxide	3/8" BSP RH
GMSACAI	Air	3/8" BSP RH

Specifications	
Maximum Working Pressure	20,000 kPa
Maximum Outlet Pressure	1,300 kPa
Maximum Flow Rate	120 m <sup>3</sup> /h @ 450 kPa
Outlet Connection	1/4" NPT Female

## PRODUCTS TO USE WITH THIS MANIFOLD

Tesuco's new semi-automatic manifold can be fitted with the following products to make a complete manifold system.

<h3>High Pressure Connection Leads</h3> <p>Tesuco has a large range of high pressure connection leads, used to connect individual cylinders or multi-cylinder packs to the inlet of the manifold. They have been manufactured to BS EN ISO 14114: 2008 (Rubber and plastic hose assemblies for compressed or liquefied gases up to a maximum design pressure of 450 bar), under a strict design management system. All high pressure connection leads are fitted with inlet connections as stipulated in AS2473 (BS, CGA and DIN connections are also available). The outlet connections are 3/8" BSP RH and 3/8" BSP LH depending on the gas types.</p>	<p style="text-align: right;"><a href="http://www.tesuco.com.au">For more information see www.tesuco.com.au</a> Industrial Gas Equipment &gt; Manifold Equipment &gt; High Pressure Connection Leads</p> 
<h3>Safety Relief Valve Systems</h3> <p>The Tesuco Safety Relief Valve Systems have been specifically designed to meet the strict requirements of AS4289 in protecting low pressure equipment from excess pressure. There are a number of units, designed to operate with different gases and different pressures. They come complete with a mounting block, isolation valve and pipe compression fitting for Inert Gases. Oxygen and Fuel Gas systems also include a high flow flashback arrestor.</p>	<p style="text-align: right;"><a href="http://www.tesuco.com.au">For more information see www.tesuco.com.au</a> Industrial Gas Equipment &gt; Manifold Accessories &gt; Safety Relief Valve Systems</p> 
<h3>Alarm System</h3> <p>The two channel audio-visual alarm system may be retrofitted to the semi-automatic manifold to independently indicate the status of each supply side. The panel indicates power via a green LED light and gas out via a red LED light. The audible alarm can be muted by the flick of a switch and the alarm can be reset with the touch of a button. A separate high visibility flashing strobe light is easily connected to the panel via an RCA plug connected to a 6 m lead.</p>	<p style="text-align: right;"><a href="http://www.tesuco.com.au">For more information see www.tesuco.com.au</a> Industrial Gas Equipment &gt; Manifold Accessories &gt; Gas Alarm Systems</p> 